

ARIZONA DEPARTMENT OF HEALTH SERVICES



ANNUAL REPORT



FISCAL YEAR 1990



MISSION STATEMENT

The mission of the Arizona Department of Health Services is to protect and improve the health status of residents by identifying health issues and developing interventions to prevent disease, disability and premature death.

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Arizona Department of Health Services
Annual Report
Fiscal Year 1990

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MESSAGE FROM THE DIRECTOR

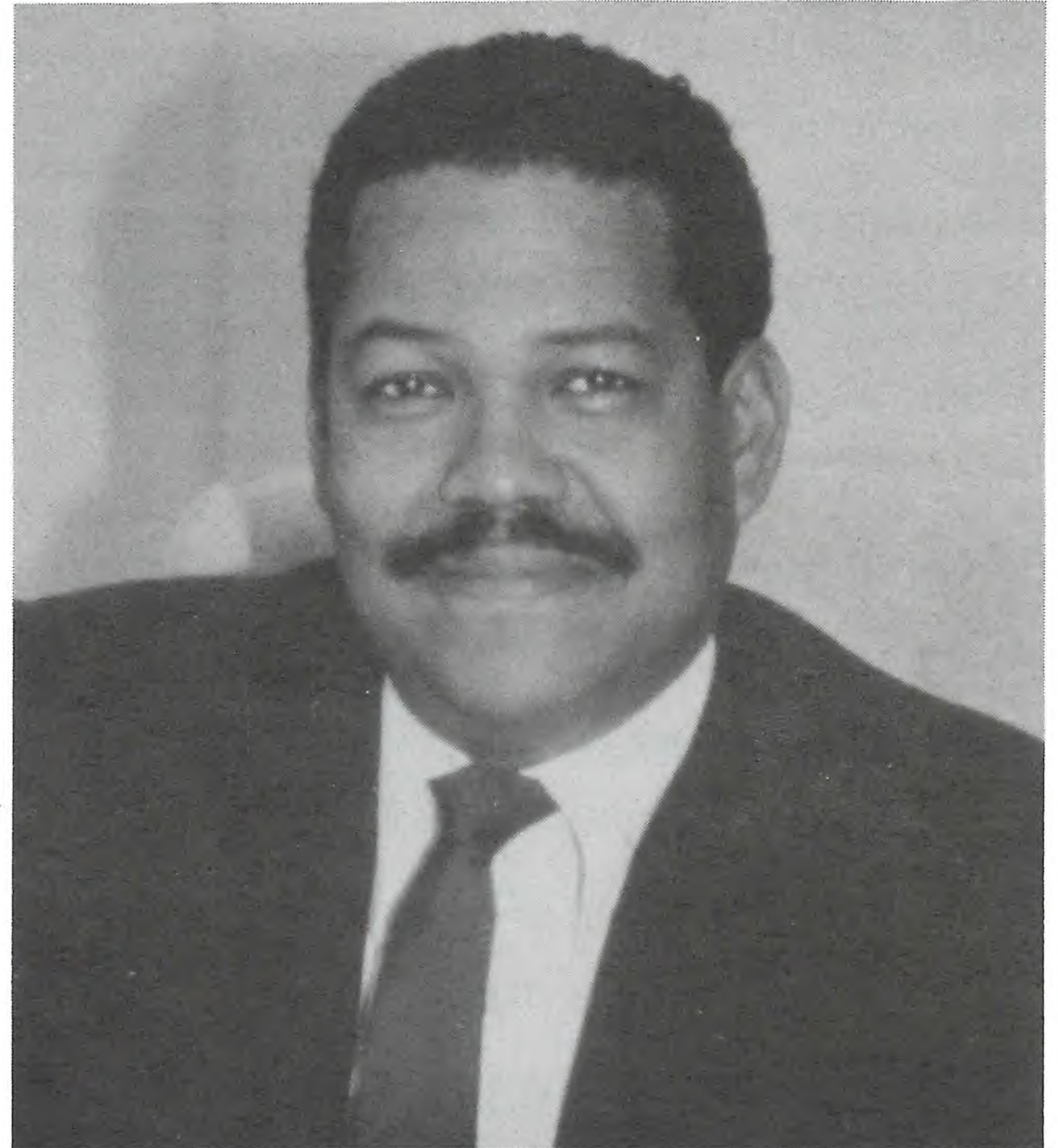
The Arizona Department of Health Services (ADHS) was created in 1974 by consolidating several offices and boards into a single state agency. The Department is mandated by law to serve the public health needs of all Arizona residents (Arizona Revised Statutes 36-102 et. seq.).

ADHS is the fifth largest state agency in terms of budget and staff. In fiscal year 1990, the agency had a budget of \$213 million and employed approximately 1,900 people.

The Department's organizational structure is designed to address public health issues by general category. The components of the Department include: 1) administration; 2) regulation; 3) prevention; and 4) direct services. Every citizen of the state is affected to some extent by ADHS programs and activities.

The Department is comprised of six Divisions headed by a Division made up of the Offices of the Director. The other five Divisions are: Behavioral Health Services; Disease Prevention Services; Emergency Medical Services/Health Care Facilities; Family Health Services; and the State Laboratory.

Each Division is divided into Offices representing various programmatic responsibilities. Each Division, with the exception of the Division made up of the Offices of the Director, is headed by an Assistant Director. Assistant Directors are responsible for directing the day-to-day activities of the Divisions and implementing Department policy as established by the Director.



Ted Williams
Director

Each Division has a Business Office to direct and monitor activities that include preparation of purchase requisitions, travel reimbursements, contracts, personnel actions, budget documents, and handling a variety of other financial issues.

ADHS receives funds from both federal and state governments and various other sources to support its programs and staff. In FY 1990 the agency's \$213 million budget was constructed as follows: \$135.4 million in state funds, \$51.6 million in federal funds, and \$26 million in other funds. The Department receives three federal block grants that can be spent over a two-year budget period: 1) the Alcohol, Drug Abuse, and Mental Health Block Grant - \$17.5 million; 2) the Preventive Health Block Grant - \$1.1 million; and 3) the Maternal and Child Health Block Grant - \$4.9 million. The Department also receives a variety of categorical grants from the federal government, particularly for disease prevention, family health, and medicare survey and certification activities. State funds

are appropriated by the Legislature after submission of the Governor's budget. The funds are allocated to the Department by Division in line item amounts. An expenditure report by program within each Division illustrates the Department's spending in FY 1990.

The programs and activities described in this annual report illustrate the wide variety of issues being addressed by our Department. As we perform ever-increasing responsibilities, we are firmly committed to improving Arizona's public health status by striving to better serve everyone in Arizona.

Ted Williams, Director
Arizona Department of Health Services



OFFICES OF THE DIRECTOR

Several Offices comprise the Offices of the Director. These Offices perform a variety of Department support activities for the Director, ensuring that the public health needs of all Arizona residents are met.

Office of the Legislative Liaison

The Director's Legislative Liaison provides legislative monitoring during the legislative session and provides assistance in developing new issues for upcoming legislative sessions. Of primary importance is the role of serving as liaison between the Department and the Legislature by providing information and handling constituent complaints on behalf of the Director. During FY 1990 this Office was also involved in special projects, employee grievance investigations, and development of rules related to new legislative mandates.

Office of Administrative Counsel

The Office of Administrative Counsel provides administrative legal support to the Office of the Director, including drafting of correspondence and preparation of administrative hearing notices and decisions. The Office assisted the various Divisions of the Department, supervised the administrative hearing processes conducted by the Department, and administered the rule making and five-year rule review activities of the Department. Other activities of the Office included participation in the Conflict of Interest Review Committee and Human Subjects Review Committee. The Office also acted as liaison for the Department to the state Office of the Attorney General.

Office of Affirmative Action

The Office of Affirmative Action serves as a resource for the Divisions, Offices, and staff of the Department by providing technical assistance, including training, to maintain compliance with federal and state laws and regulations addressing equal opportunity and affirmative action.

The Office was responsible for ensuring that the public was provided services in a non-discriminatory manner. The Office was also responsible for investigating internal and external complaints of discrimination in service provision and employment. It also served as a liaison between the Department and outside agencies concerned with service provision and employment opportunities for individuals protected on the basis of gender, race, color, national origin, religion, or disability. The Office took an active role in the development, implementation, and monitoring of the Affirmative Action Plan.

Office of Local and Border Health

The Office of Local and Border Health provides technical assistance to County and Indian Tribal Health Departments for planning, delivering, and evaluating local public health programs. Staff regularly communicate with Mexican border health officials to monitor and respond to public health problems which may have impact on the health of Arizona residents. The Office is involved with a binational health initiative through the Pan American Health Organization, titled Project Consenso.

Consultation is provided to local health departments to prepare requests and work plans for grant monies. After grant monies are received, consultants monitor progress as delineated in the work plan. In conjunction with the local health departments, the Office is working to establish minimum public health standards. In addition, the Office works with the nursing community in general and public health nursing in particular.

Office of Personnel Management

The Office of Personnel Management provides professional personnel management services to Department of Health Services management and employees. It is also responsible for providing technical personnel services in the area of employee benefits and insurance, and personnel action preparation and processing.

The staff in the Office are employees of the Arizona Department of Administration, Personnel Division, and assigned to the Department of Health Services.

The Office of Personnel Management advises Department managers and employees on general personnel management and the Arizona State Service Personnel System. In addition, the staff issues promotional job announcements, generates hiring lists, assists with recruitment, participates in the resolution of grievances and disciplinary actions, reviews position classifications, and processes a wide variety of personnel actions. The Office also ensures that the Department is in compliance with federal and state personnel rules and regulations.

During FY 1990, the Office of Personnel Management assisted supervisors in hiring 662 new employees, promoting 138, transferring 333, and completing action on 375 separations/resignations. In addition, 598 classifications and 141 disciplinary actions were processed.

Office of Planning and Health Status Monitoring

The Office of Planning and Health Status Monitoring has four major responsibilities: 1) coordinating the Department's planning activities; 2) monitoring progress and problems in the health status of Arizona residents by assessing trends in births, deaths, marriages, divorces, and abortions; 3) serving as a resource to all programs in the Department and to other community organizations in planning, provision, and use of data from vital records, design and analysis of special studies on health issues, and program evaluation; and 4) working on behalf of the Department to facilitate primary health care services in medically underserved areas.

During FY 1990, the planning component of the Office assisted with planning projects in all Departmental Divisions and coordinated planning on a Department-wide basis. The Office was involved in several community and interdepartmental efforts such as: the Advisory Council on Indian Health Care; the Arizona Taxonomy for Human Services; the Drug Policy Council Planning Group; the Population Technical Advisory Council; the Primary Care Working Partnership; and the Governor's Advisory Council on Aging. The health status monitoring activities of the Office were reflected in publication of the 300 page report, *Closing the Decade: Arizona Health Status and Vital Statistics 1980-1989*, with a special section comparing Arizona's health status indicators to national objectives for 1990 and the year 2000; preparation of seven special reports on the topics of teenage pregnancy, suicide mortality, unintentional injury deaths among children and adolescents, abortions, accidental drowning deaths, firearm-related fatalities, and drug-related deaths; and response to over 1,200 requests for health statistics information. The Office collaborated on many projects. Examples include development of a survey questionnaire for risks to reproductive health among women 18 to 44 years of age; evaluation of efficacy of two procedures

to screen for hearing problems among children and youth; evaluation of a parenting intervention with families of high risk infants after neonatal intensive care; evaluation of developmentally-oriented interventions with parents and newborns in intensive care nurseries; and development of a grant prospectus on risk factors for depression and suicidal ideation among older adults in rural communities.

Public Information Office

The Public Information Office is an important communications link between the Department and the public, including the news media.

During FY 1990, the Office responded to more than 50,000 public information and referral requests. The Department's official media spokesperson - the Public Information Officer, with staff assistance, issued news releases, responded to media inquiries, participated in news conferences, distributed health facility rate reviews, issued public meeting notices, provided daily press clipping services within the Department, and assisted ADHS management and staff in producing public and media relations resources and materials.

Annually, the Public Information Office is responsible for coordinating Department-wide employee civic activities including the U. S. Savings Bonds Payroll Deduction Program and the State Employees Charitable Campaign (SECC). The 1989-90 SECC was very successful, with Department employees contributing a record amount of approximately \$22,000. Additionally, the Office conducts the ADHS Semi-Annual Blood Drives.

Office of Vital Records

The Office of Vital Records maintains and operates a statewide system to register all birth, death, and fetal death records for the State of Arizona, ensuring the confidentiality and security of all records. As of June 30, 1990, there were 3,036,640 records on file, an increase of 97,340 records over the previous fiscal year. The Office assisted over 58,700 counter customers, processed over 128,400 requests by mail, and issued more than 171,000 certified copies of vital records. The Office collected \$1,110,187 in fees for services, which was deposited into the state's general fund.

Operations Office

During the year, the Office of Financial Services was combined with the Office of Management Information Systems, the Department Library, and the Office of Staff Training to form the Department's Operations Office.

The Operations Office provides oversight and coordination of Department financial and operational functions to ensure efficient, effective, and accountable operations in accordance with federal, state and Department laws, regulations, and policies. The Office includes the Office of Budget Management, Office of the Controller, Office of Procurement, Office of Real Property, Office of Material and Capital Equipment Control, Office of Management Information Systems, Office of Staff Training, and the Department Library.

Office of Budget Management

The Office of Budget Management coordinates the development, review, and submission of all requests for state, federal, and other funds by the Department. Upon receipt of funds, the Office coordinates the development of, and makes appropriate modifications to, Department-level financial plans for each fund source. The Office also analyzes and monitors established financial plans and any changes made

thereto, and is the central responder to outside agencies on financial issues. The Office works closely with the Department Controller in monitoring the execution of established financial plans and the Division Business Offices in the day-to-day financial operations of the Department. External to the Department, the Office works with the Executive Budget Office; the Joint Legislative Budget Committee staff and the Legislature, throughout the state budget development and appropriation process; other state and local agencies in intra-governmental programs; and various federal offices in requesting and monitoring fund sources.

Office of the Controller

This Office furnishes centralized Department-wide financial services to assist and advise Divisions in required state and federal accounting procedures. The Office maintains the Department's automated accounting and budget control Financial On-Line System (FONS), all related subsystems, internal accounting controls, and records to assure the proper recording and accountability of all Department expenditures, revenues, assets, and liabilities. The Office also monitors and controls expenditures in accordance with the Department's established financial budget and obtains Budget Office authorization for any changes.

The Accounting Office records all purchase orders/encumbrances and cash receipts, and processes all third-party claims and contractor payments (approximately 25,000 annually).

The Payroll Office processes all payroll disbursements and maintains all official payroll records.

The Fiscal Operations Unit prepares monthly revenue, expenditures, and fund balance reconciliations; the Annual Federal Indirect Cost Proposal; the Annual Report to the Governor (disbursements); all Arizona Department of Administration year-end "Closing Package" schedules and forms to be included in the State of Arizona financial statements; and prepares financial status reports on specific accounts as required by management.

The Federal Control Unit prepares all required Federal Grant Financial Status Reports, Letters of Credit, and Cash Status Reports, and manages the daily federal cash balances for compliance with federal cash regulations.

Office of Procurement

The Procurement Office is responsible for the solicitation and procurement of materials and services in support of Department operations. The Office also provides ongoing procurement training and technical assistance.

During FY 1990, the Contracts Administration Section issued 34 Requests for Competitive Sealed Proposals, 35 Requests for Quotations, 1,060 contracts and 536 contract amendments for the procurement of professional services amounting to \$143.5 million. The Purchasing Section issued 32 Invitations for Bid, 334 Requests for Quotations, processed 10,871 Purchase Requisitions and 99 amendments for the procurement of materials and non-professional services amounting to \$18.3 million.

Office of Real Property

The Office of Real Property is responsible for providing the following services for all Department programs: management and leasing of real property; construction management; telecommunications; mail service; and document reproduction.

During FY 1990, 7 new leases or lease renewals of office space totaling 36,474 square feet were executed; 9 construction projects totaling \$636,610 were completed; 12 office modifications/relocations were performed; 1,186 maintenance work orders were processed; and 574,934 pieces of mail were handled. The Copy Room reproduced 4,304,464 document pages.

Office of Material and Capital Equipment Control

The Office of Material and Capital Equipment Control is responsible for receipt and issuance of supplies to the Department and maintains capital inventory control of over 31,000 pieces of equipment valued at over \$17,000,000 located in 577 locations statewide.

During FY 1990 the Office provided technical and resource support to the Divisions of the Department in conducting the Department annual inventory of materials and equipment. The Office maintains 15,000 sq. ft. of warehouse storage in performing the receipt and issuance of food, clothing, medical, and general supplies. The warehouse supports 1,331 line items of supplies for issuance to the Department totaling \$2,320,800.

Additionally, the Office issued approximately \$57,000 worth of surplus equipment to programs from its surplus storage.

Office of Management Information Systems

The Office of Management Information Systems (MIS) provides technical assistance in the design, maintenance, and development of computerized information management systems for the Department. The professional staff supports many automated platforms, from personal computers through mini-computers to mainframe systems. This ensures that health-related systems are developed in an orderly, cost-efficient manner. The Office also provides technical assistance for both word processing and facsimile equipment. During fiscal year 1990, the Office completed a major conversion of the Financial Online System (FONS) from the Arizona Department of Administration's Data Center computer to an ADHS in-house computer, resulting in significant annual savings in operating costs. Additional conversions from the Department of Administration's computer provided added savings and operational improvements. Numerous enhancements were developed and

implemented for the Birth Subsystem to improve its functionality and simplify its use. A new, comprehensive Budget Preparation System was developed and used in the development of the Department's annual budget. A division-wide Complaint Tracking System was developed and installed in the Emergency Medical Services/Health Care Facilities Division, enabling Division management to control and respond much more effectively. The Office provided new computer systems to the Offices of Infectious Disease Services and Chronic Disease Epidemiology, greatly enhancing operating efficiency and reporting effectiveness. The number of microcomputers installed to date throughout the Department of Health Services was 557, for a ratio of 3.34 staff/computer. Computer training was provided internally at significant cost savings for 1,033 employees attending 163 classes.

Office of Staff Training

The Office of Staff Training is responsible for developing training programs to increase employee productivity and efficiency. There were 168 classes provided to 2,012 participants for a total of 6,962 hours of training provided to ADHS staff. Additionally, over 100 supervisory employees participated in the Department's Certified Public Manager Program. Typical training programs addressed were employee safety, improving work relationships, drug abuse prevention, records retention, security procedures and various employee and supervisory improvement courses.

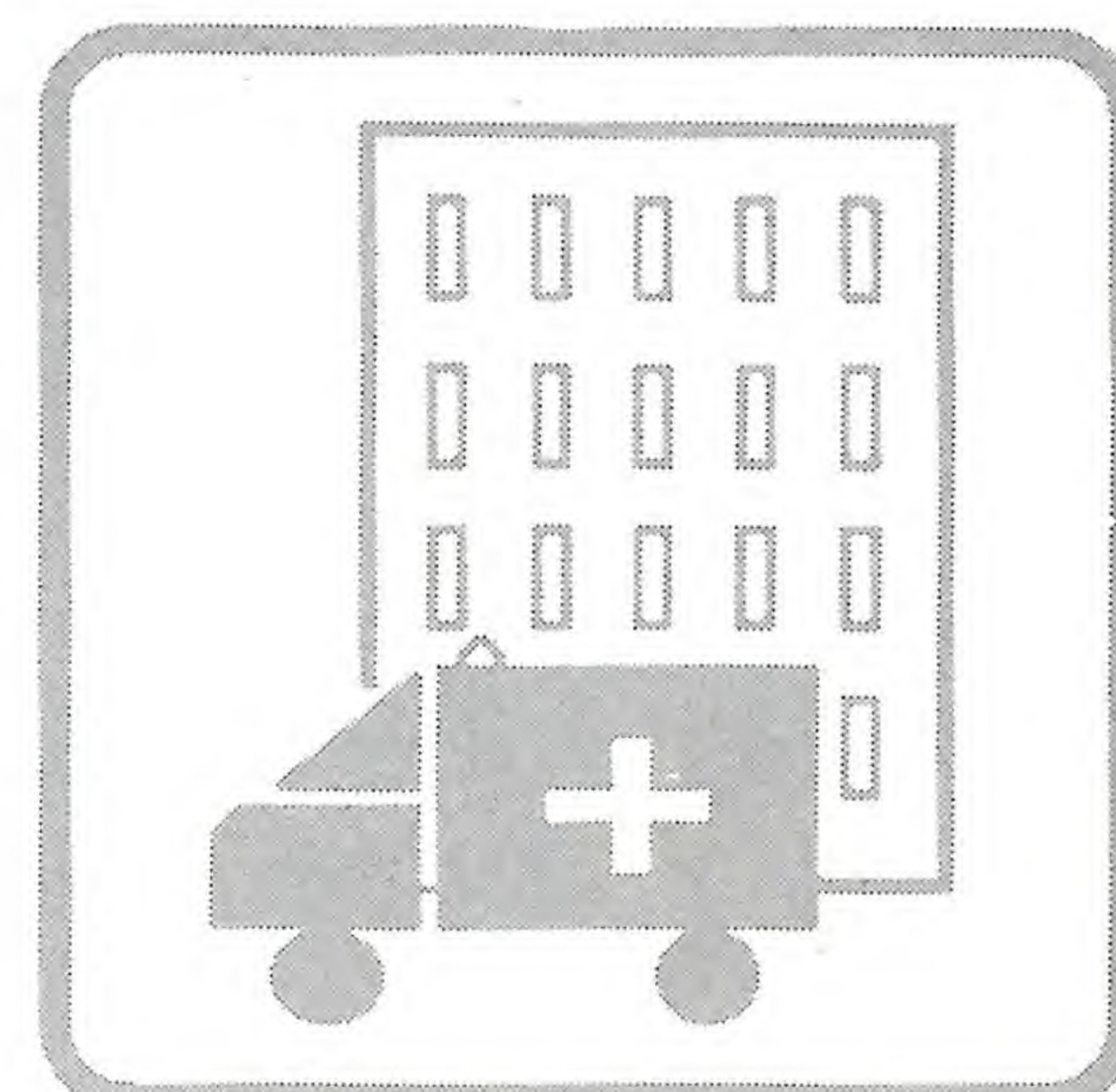
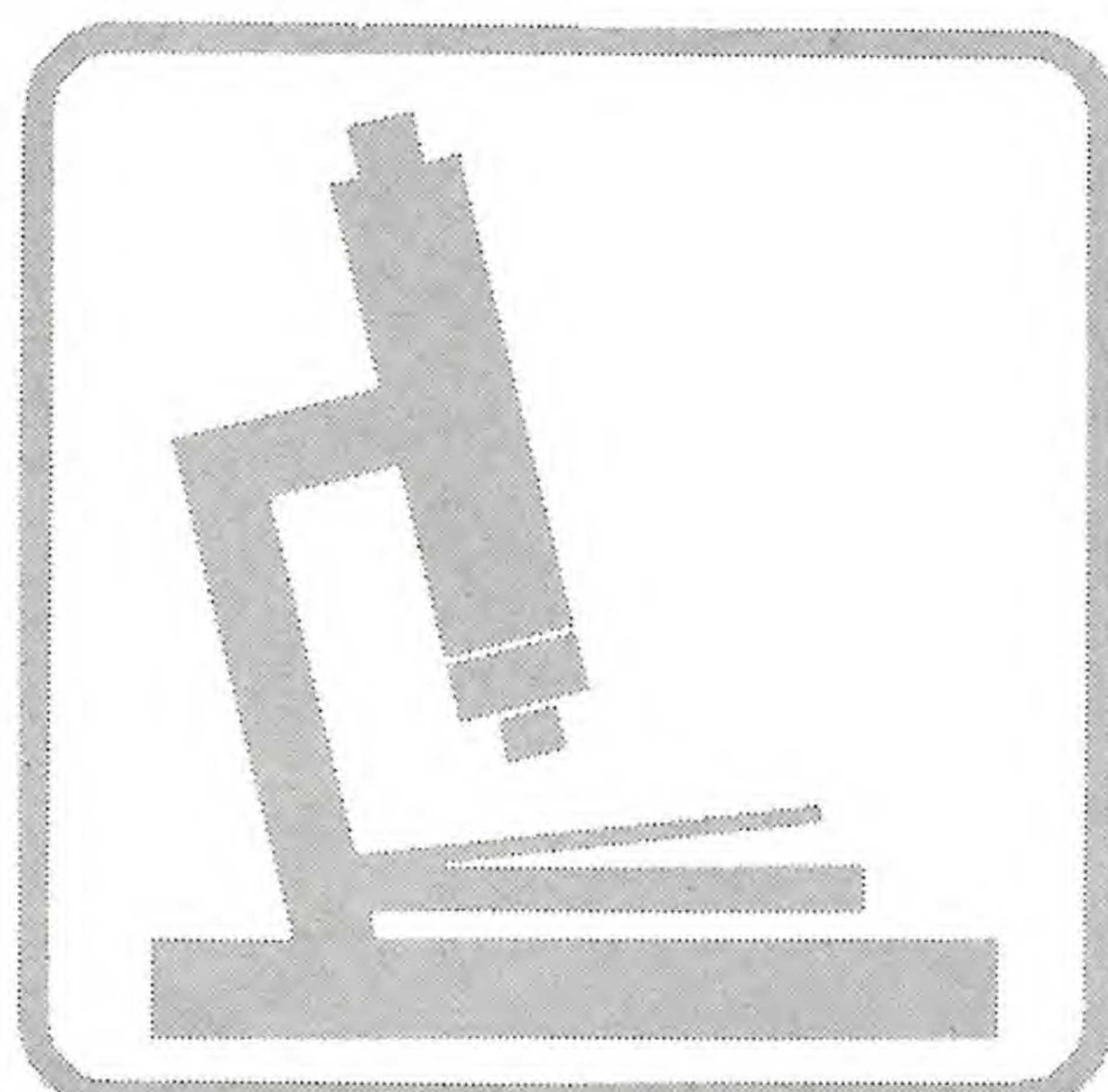
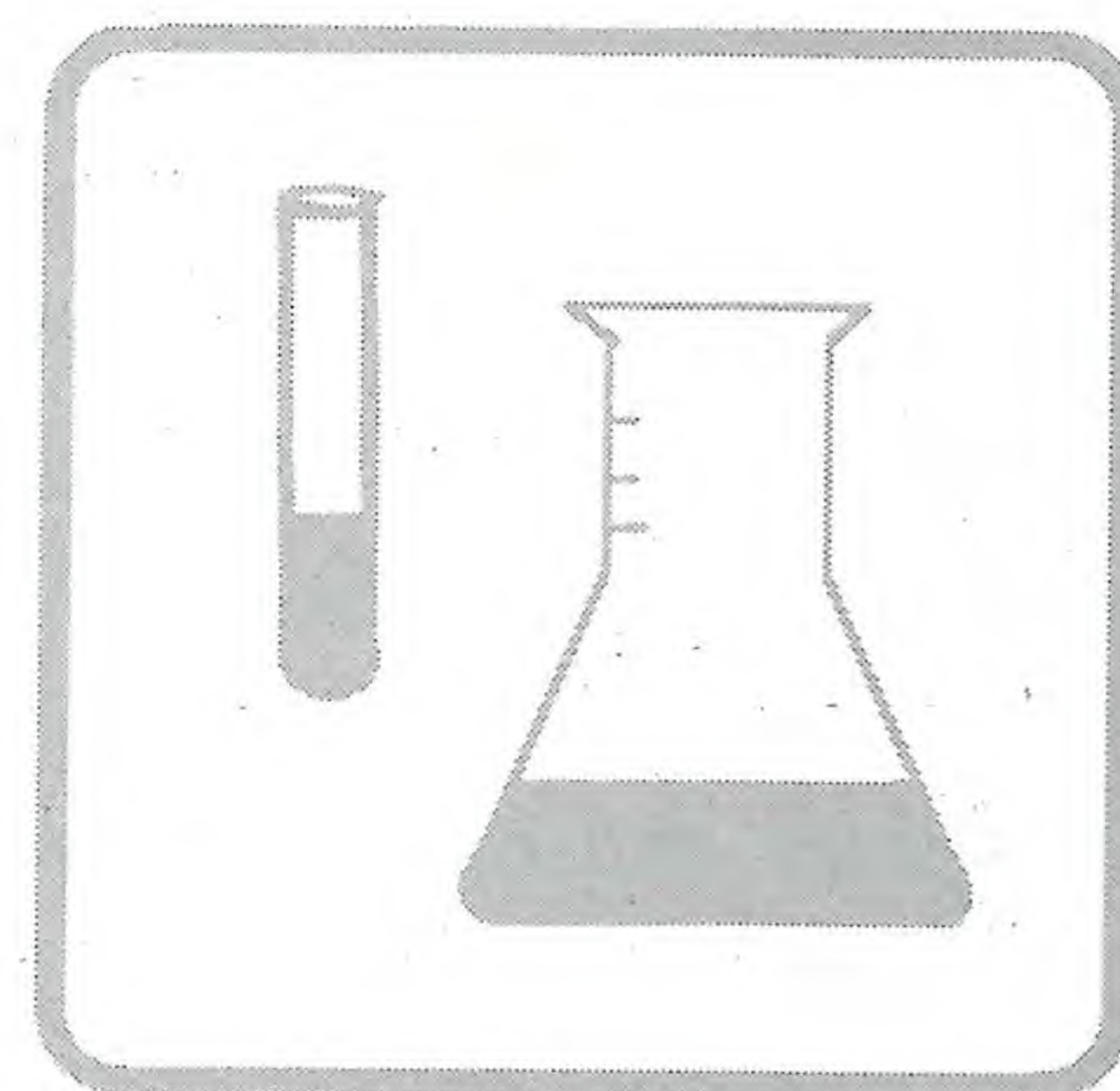
Office of Library Services

The Library's major function is to provide extensive reference and referral services in the field of health sciences. These services are rendered to Department staff, to health professionals throughout the state, and to the general public. Health-related videos and films are loaned free of charge to schools and community organizations throughout the state, and to the general public.

Services offered by the Library include computerized literature searches, answering reference questions, referral services, circulating journals, loaning audiovisuals, and filling book and journal article requests from internal and external sources. The Library's automated inter-library loan system provides access to library holdings across the nation. The ADHS Library holdings include 4,000 books, 800 health-related state documents, 212 journal subscriptions, 80 titles in a pamphlet collection, and 700 audiovisuals.

During FY 1990 the Library loaned 850 books and 360 government documents, answered 1,500 reference questions, processed 2,150 inter-library loan transactions, and completed 1,180 computerized literature searches. The Library loaned audiovisuals 3,500 times, which were viewed by 250,000 persons in Arizona schools and community groups.

DIVISION OF BEHAVIORAL HEALTH SERVICES



The Division of Behavioral Health Services was recreated within the Arizona Department of Health Services by Arizona Revised Statutes 36-3402 et seq., effective August 13, 1986. The Division serves as the single state agency to provide coordination, planning, administration, regulation, and monitoring of all facets of the state public behavioral health prevention and treatment system. The mission of the Division is to promote the well-being of persons in Arizona through the provision of quality-oriented, cost-effective behavioral health education, prevention, intervention, and treatment services.

The Division consists of three service components: 1) Office of Community Behavioral Health Services; 2) Southern Arizona Mental Health Center; and 3) Arizona State Hospital. Additionally, there are four support components: a) Support Services; b) Management Information Systems, Research, and Evaluation; c) Planning, Rules, and Grants; and d) Behavioral Health Licensure. Also, the Division has several advisory councils and boards: 1) Arizona Mental Health Planning Council; 2) Children's Behavioral Health Council; 3) Arizona State Advisory Council on the Chronically Mentally Ill; 4) Arizona State Hospital Advisory Board; and 5) Southern Arizona Mental Health Center Advisory Board.

Services were provided to 66,807 people during FY 1990 by Arizona State Hospital, Southern Arizona Mental Health Center, and through the Office of Community Behavioral Health Services.

FY 1990 was a year for significant systems progress in Behavioral Health Services. Due to an increased state appropriation, the Division, collaborating with its various advisory councils and boards, consumers, community advocacy and provider groups, and other state agencies, was able to establish several new programs and enhance existing ones.

The Division introduced and obtained legislative changes that clearly define the duty of mental health providers to warn identifiable victims of imminent and explicit threat from psychiatric patients based on a 1989 Supreme Court Ruling on *Hamman v. Maricopa County*. Changes were also made to the involuntary commitment statutes, adding a fourth standard that allows for commitment of an individual who is persistently or acutely disabled by reason of a severe mental disorder but is not a danger. This expansion will allow families to seek care for individuals in need of treatment who are treatment resistant but do not meet the previous criteria for dangerousness.

Another area of achievement for the Division was the development of the Comprehensive Mental Health Services Plan. With a grant from the National Institute of Mental Health (NIMH), the Division completed the initial Plan in January 1989. The second year Plan was submitted in September 1989 and was favorably reviewed by NIMH. This was a significant achievement because the Plan proposes a framework for the delivery of services to seriously mentally ill individuals throughout the state and because the Plan is the result of a cooperative effort between consumers, family members, provider agencies, tribes, Division staff, and three advisory councils. Planning workshops were held for each of the nine geographic areas of the state and for each of the contracted tribes. The Plan projects the number of individuals who will require services through the Division for FY 1990 through FY 1993.

In October 1989, the Human Services Research Institute, under contract with the Division, completed the evaluation of the Pima and Maricopa pilot programs for the seriously mentally ill. The findings were encouraging and enhanced the interest in implementing a capitated, clinical team approach to treatment.

Offices of Community Behavioral Health Services

The Offices of Community Behavioral Health Services provide services in the following behavioral health categories: 1) chronic mental illness (CMI); 2) mental health (excluding CMI); 3) alcohol abuse; 4) drug abuse; 5) seriously emotionally handicapped children; and 6) domestic violence. During FY 1990 the Division of Behavioral Health Services reorganized this part of the agency into four distinct, but interactive, offices for the purposes of improved program development, contract monitoring and community assistance. These Offices of Community Behavioral Health Services were placed under the supervision of a Deputy Assistant Director in FY 1990.

A major goal of the Offices of Community Behavioral Health Services is to provide care that is effective and clinically appropriate. The continuum of care ranges from inpatient care for clients requiring a secure setting, to a flexible outpatient counseling office for those able to function more independently. Inpatient care, provided through community-based hospital facilities or Psychiatric Health Facilities (PHFs), reflected the most intensive facet of the system. Some clients required 24-hour residences for short-term (1-30 days) or long-term (31-365 days) treatment. These residential facilities offer clients the opportunity to restructure their lives in a supervised environment, complemented with counseling, education, and employment-oriented activities. Others are able to continue living at home, but require intense individual and group counseling. Partial care services (three or more hours per day) provide such a setting. Finally, outpatient care is offered to individuals and their families who are able to function at home and at work but need to meet on at least a weekly basis for an hour or more in order to solve or manage problems. All of these services are available statewide to clients on a sliding fee scale.

The Offices of Community Behavioral Health Services contract with private non-profit corporations called Administrative Entities to administer behavioral health programs and funding in eight of nine geographic service areas of the state. There was no Administrative Entity for one geographic service area (Central Arizona) but six providers in the area contracted directly with the Division. Plans were finalized in FY 1990 to combine Gila and Pinal County under one Administrative Entity. Doing so will reduce the total number of geographic service areas from nine to eight. Administrative Entities contract with over 200 community-based agencies which deliver direct services, and many of these have multiple locations. Four sovereign Indian Nations also contract directly with the Division for behavioral health services that are provided on Reservations. These Tribes are: Colorado River Indian Tribes; the Gila River Indian Community; the Navajo Tribe; and the Salt River Pima-Maricopa Indian Community.

Beginning in FY 1989, children's residential services were contracted through the Administrative Entities in order to better coordinate these services. In FY 1990 this mechanism continued and was expanded significantly. Increases in funding allowed for ongoing enlargement of the continuum of care for children and adolescents. A centralized delivery system for children's mental health care was implemented in Pima County as a means of controlling excessive or inappropriate hospitalizations. Preliminary reports from this program, which might be a model for future Title XIX service delivery, were encouraging.

In addition to direct services, the Offices of Community Behavioral Health Services provided prevention training programs to more than 400 teachers, school administrators, community prevention specialists, parents, and youth. Much of the training focused on upgrading the skills of participants in such areas as program design, effective program strategies, community organization and long-range planning for prevention/early intervention services. Under federal funding directives, special populations including pregnant substance abusers and IV drug abusers were targeted for prevention activities.

During FY 1990, the community-based system served 65,680 unduplicated clients. Of these, 8,457 were treated in the chronic mental illness program, 31,660 in the general mental health program, 17,894 in the alcohol abuse program, and 7,669 in the drug abuse program. Of those services, 13,917 were to youth ages 17 and under. In addition, approximately 5,224 victims of domestic violence were served in shelters partially funded with Division monies. Among the Offices of Community Behavioral Health Services' major accomplishments for FY 1990 are the following:

- The development of the "Blueprint", a comprehensive plan for implementing services for the Seriously Mentally Ill.
- The development of a psychiatric health facility (PHF) for residents of Yuma and La Paz Counties.
- The development of 50 additional Re-Entry Facility (REF) beds for clients discharged from the Arizona State Hospital.
- Three contracts were established with Administrative Entities for the development and provision of "Preventive Gang Reduction Strategies" towards decrease of gang recruitment and drug and alcohol-related gang-sponsored crime.
- A residential program was created for patients who are dually diagnosed mentally ill and substance abusers which can be used as an alternative to placement in the Arizona State Hospital.
- The development of "Transitional Living" programs available to clients in Northern Arizona.
- The development of substance abuse prevention and treatment services specifically designed for pregnant and postpartum women and their children.

- The establishment in Pima County of a centralized case management system for both seriously mentally ill adults and seriously emotionally disturbed children.
- The establishment of an Intergovernmental Agreement with the Arizona Departments of Economic Security, Juvenile Corrections, and Education, as well as the Administrative Office of the Courts, to develop and complete a multi-agency behavioral health needs and resource assessment for the development of a more unified behavioral health care system for children.
- Funding for positions assigned to this project comes from a federal program, Child and Adolescent Service System Project (CASSP).

Southern Arizona Mental Health Center

The Southern Arizona Mental Health Center (SAMHC), located in Tucson, is the only state-operated outpatient treatment center. It provides mental health services to residents of Pima County. During FY 1990, services to adults were provided through the following programs:

Medical Services, including inpatient care at Kino Community Hospital and outpatient care to SAMHC clients;

Community Support Services, including the Adult Day Program, the Intensive Day Program, Crisis Residential Program, Supervised Residential Program, the Supported Residential Program, the Arizona Hotel/Single Room Occupancy Program, and Our Place Clubhouse Program;

Crisis Services, including Mobile Acute Crisis Teams, and the Urgent Care Services, and Brief Treatment Services;

Comprehensive Child and Adolescent Treatment Services (CCATS), services to children were provided through the CCATS Program including Emergency, Triage and Crisis Services; and case management services for seriously mentally disturbed children, including those eligible for Title XIX, Mental Health Services.

During FY 1990, SAMHC provided services to 1,362 adults and 527 children and their families. Of the adult population served, 814 were chronically mentally ill. The services were designed to reduce the debilitating effects of mental illness and enhance the ability of clients to lead more independent and productive lives.

A significant accomplishment was the establishment of crisis services for adults that are available 24 hours a day, 7 days a week.

Arizona State Hospital

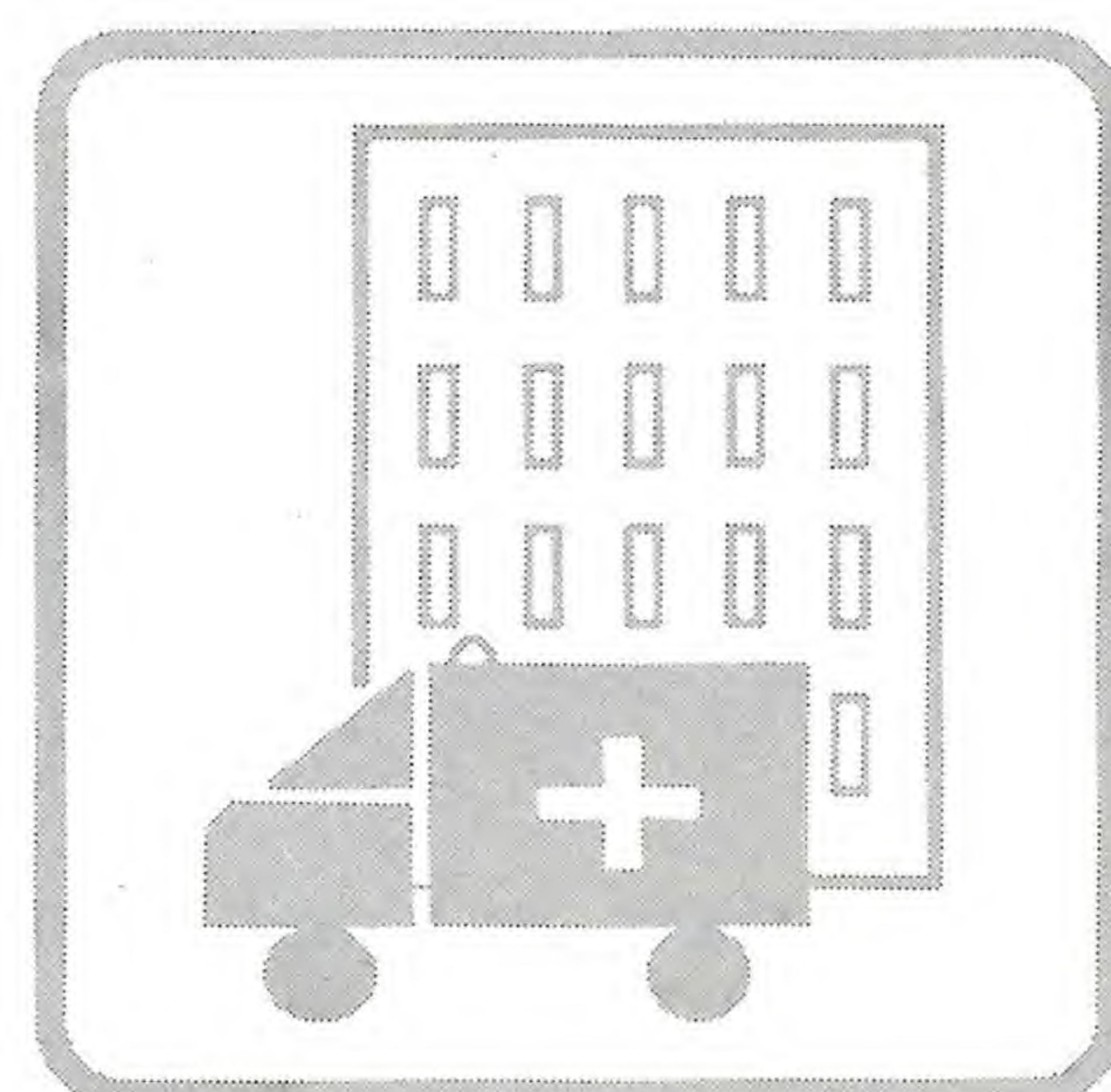
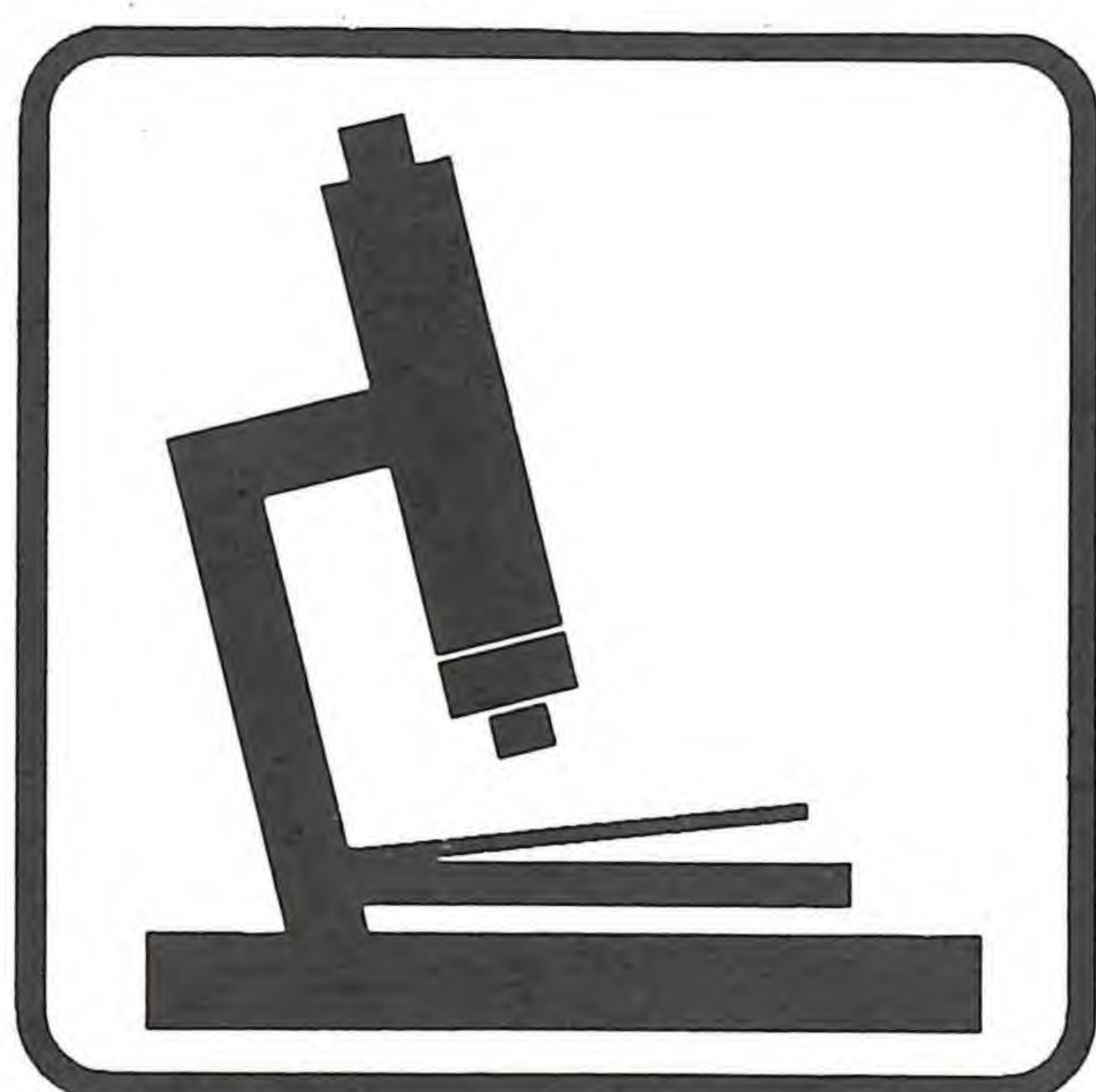
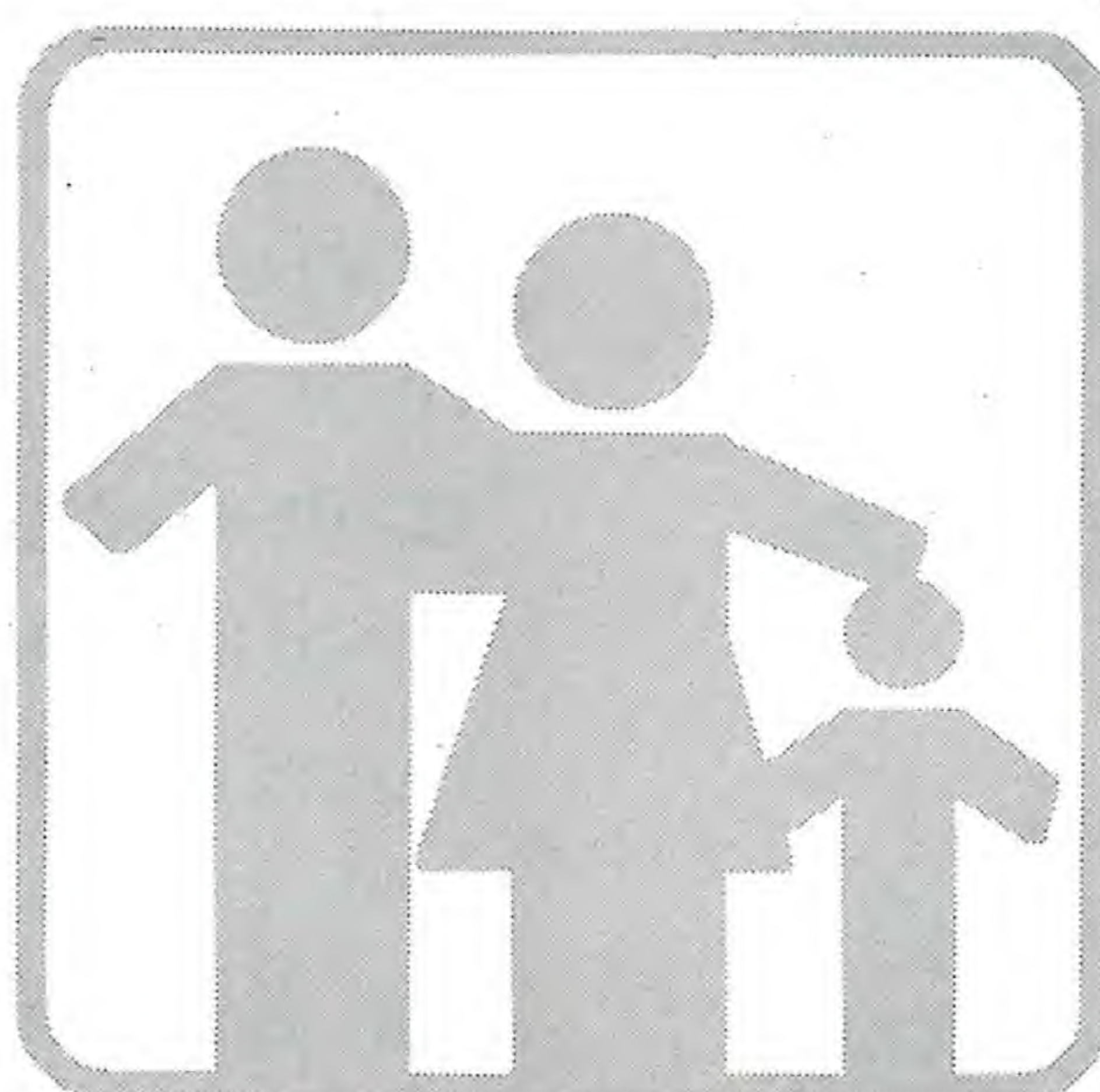
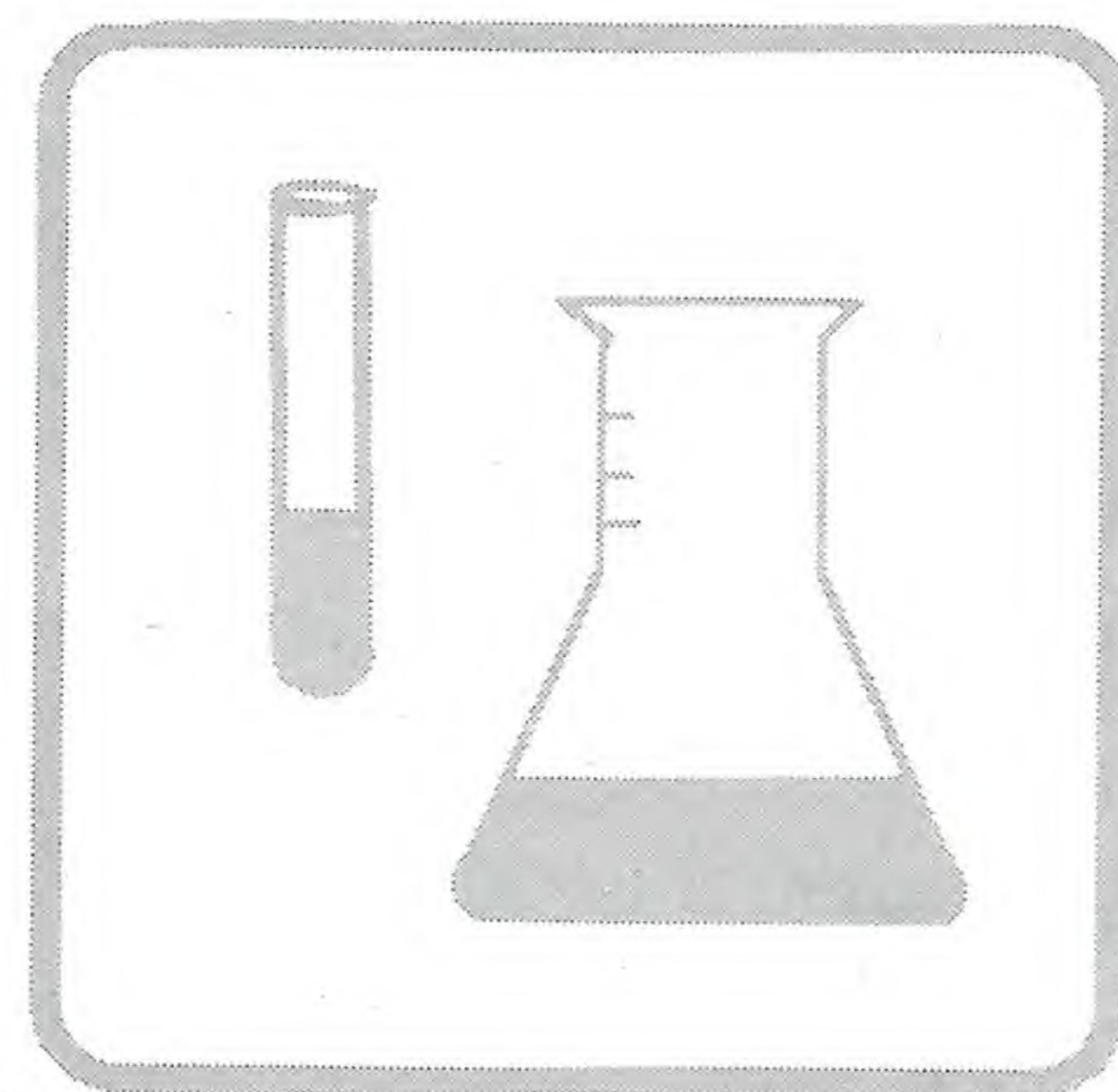
The Arizona State Hospital (ASH), a publicly funded facility dedicated to the restoration and preservation of emotional health for the residents of the State of Arizona, provides inpatient psychiatric care and treatment for residents suffering from severe mental and emotional illnesses and disorders. The mission of the Hospital is to provide contemporary and quality inpatient mental and medical health care. The Hospital's administration is committed to the concept that all patients and staff members be treated with the dignity and respect that is required to maximize personal and professional growth.

The Hospital began the fiscal year with a patient census of 508. During FY 1990, 765 patients were admitted and 763 were discharged, leaving the Hospital with an ending census of 510. The average daily census was 502, the same as the previous fiscal year. A total of 1,127 individual patients (unduplicated count) accounted for a total of 183,237 patient days. Of the patients admitted, 75 percent were court ordered and 25 percent were voluntary. The median length of stay was 95 days, down four days from the previous year, and the average length of stay was 229 days, down 78 days from the previous year. The recidivism rate (patient readmission within 180 days of discharge) was 20.5 percent, compared to 21.1 percent in the previous year.

Treatment was provided by 885.25 employees plus 13.5 employees assigned to the Transitional Living Unit, a specialty program funded separately by the Legislature. Additionally, there were approximately 15 psychiatric and 6 medical physicians on contract to provide services for the patients.

Progress toward identified milestones included: 1) expanding the hospital-wide quality assurance monitoring and evaluation activities and identifying opportunities to improve care; 2) completing a staff analysis study to assist in determining the required Hospital staff patterns based on patient acuity, the current physical environment, the needs of the patients, and contemporary standards; 3) continuing certification by the Health Care Financing Administration for Medicare reimbursement; 4) finalizing the Hospital's Master Plan for reconstruction; 5) participating in development of an enhanced statewide mental health program by developing a regionalization plan as part of the ASH Master Plan for reconstruction; 6) planning and implementing community relations projects to enhance the image of the Hospital; and 7) encouraging and supporting a high degree of competency, professionalism, and continuing education for the Hospital's staff.

DIVISION OF DISEASE PREVENTION SERVICES



The Division of Disease Prevention Services administers a variety of traditional public health programs, while expanding its research and epidemiologic capabilities. Environmental studies; HIV/AIDS surveillance, treatment, and education; health promotion; and chronic disease prevention continue to receive increased attention.

Office of Infectious Disease Services

The Office of Infectious Disease Services seeks to prevent and/or minimize the public risk for exposure to and transmission of communicable diseases. Because of the wide variety of ways in which infectious disease can be transmitted, there are a number of specialized prevention programs within this Office.

Vaccine Preventable Disease Section

The Vaccine Preventable Disease Section provides support services to public and private health caregivers striving to prevent and/or control immunizable diseases such as polio, diphtheria, tetanus, pertussis, measles, mumps, rubella, influenza, and Hepatitis B. In 1990 this Section distributed over 600,000 doses of vaccine to public providers of immunization services, including county health departments and Indian Health Services' Units, and 620,000 information/education pieces were given to public and private health care providers. Staff also responded to approximately 2,300 requests for information or consultation related to disease characteristics, immunization schedules, rules, policies and procedures.

The immunization status of 675,000 school and child care facility enrollees was assessed and over 700 reports of vaccine-preventable diseases were investigated and analyzed in response to information provided from a statewide surveillance system. Extensive measles outbreak control assistance, including over 100,000 doses of vaccines, was provided to county health departments and other public health care agencies in 1990.

Passage of a new school immunization record requirement law by the state Legislature was achieved in 1990 and will go into effect January 1, 1992.

Infectious Disease Epidemiology Section

The Infectious Disease Epidemiology Section is responsible for surveillance and investigation of all infectious and communicable diseases other than those which are either vaccine preventable, sexually transmitted, zoonotic, vector-borne, or related to HIV infection.

There were 19,525 reports of communicable diseases added to the General Communicable Disease Register in FY 1990. The Section conducts special surveillance activities for foodborne outbreaks and invasive Group A Streptococcal infections and provides consultation and epidemiology training to local health agencies. In collaboration with the Centers for Disease Control, program staff investigated a cluster of invasive Group A Streptococcal infections, typhoid fever, and the outbreak of L-tryptophan associated eosinophilia myalgia syndrome.

The Infectious Disease Epidemiology Section also administers the Arizona Tuberculosis Control Program. The Tuberculosis Control Program provides consultation and direction to tribal and county health departments concerning surveillance, diagnosis and treatment of tuberculosis cases as well as their contacts. Through the contractual process, the program funds and monitors local tuberculosis control services and provides education and training to enhance these services. Tuberculosis control workshops in "Influencing, Investigating and Interviewing" and "train-the-trainer" were conducted. In addition to maintaining the microcomputer-based registry of tuberculosis cases and contacts, the program, in conjunction with Management Information Systems, has developed new software for the register. In FY 1990, 260 new cases and 3,214 contacts were reported and six outbreaks were investigated. Program staff provide about 200 consultations annually to private physicians, local health agencies, and concerned citizens of Arizona.

Vector and Zoonotic Disease Control Section

The Vector and Zoonotic Disease Control Section provides assistance and information to prevent and control such diseases as plague, rabies, Q fever, tularemia, and others among the 30 or more diseases classified as zoonotic. Staff conduct field investigations for these diseases to identify the exposure source and provide treatment advice and preventive measures to the public and private medical sector. Staff monitor plague and rabies activities and develop profile maps to identify potential human exposure in the state, with resulting alerts issued to the public so that the risk of exposure can be reduced. The Section determined, after extensive evaluation, that Lyme disease exposure has not occurred in the state to date.

Section staff responded to over 2,500 requests for information, including consultations with physicians, other agencies, and the public. Additionally, staff intervened in some 430 vertebrate public health problems, identified 163 arthropod pools, responded to 372 arthropod control problems, and spent 70 days in the field doing surveillance or following up disease cases. Staff provided rabies exposure and treatment advice in over 180 incidents during the period. The public, private medical sector, and other agencies, were provided with disease consultations on 754 occasions.

Food Protection and Sanitation Section

The Food Protection and Sanitation Section has overall responsibility for food protection in Arizona and coordinates with 10 other federal and state agencies and 16 local health departments to accomplish this function. Program staff conducted 150 inspections of wholesale food establishments required by a contract between ADHS and the federal Food and Drug Administration. Shellfish establishments were monitored, and more than 100 shellfish samples were collected for laboratory analyses. When substandard conditions were identified, enforcement activities followed which resulted in the destruction of thousands of pounds of shellfish and the banning of four shellfish shippers from importing shellfish into Arizona. Over 100 complaints were investigated through sanitary inspection and laboratory analyses. Information regarding contaminated food and necessary protective actions was distributed to local health departments and other state agencies. Program staff also participated in 25 speaking engagements.

The Section staff inspected sanitation and safety conditions for certification and/or licensing of the following: 139 child care facilities; 1,100 Department of Economic Security foster homes and group homes; 99 residential treatment centers; 64 children's camps; 180 state and county jail/treatment center food service facilities; and 44 state university/college food service facilities. Approximately 56 bedding and upholstered furniture establishments were licensed as required by the Arizona Bedding Law.

The Sanitation Section was successful in adopting rules concerning the manufacture and sale of bottled water in Arizona.

Sexually Transmitted Disease Section

The goal of the Sexually Transmitted Disease (STD) Control Program is to reduce the incidence of syphilis, gonorrhea, and chlamydia through direct interruption of the chain of infection. Intervention is accomplished through clinical services, surveillance, epidemiological investigation, and education of high risk individuals.

The Section contracts with 12 county health departments to provide a variety of clinical, laboratory, and disease intervention services. Approximately 30,000 patients were seen in STD public facilities in 1990. Over 15,000 patients were treated for reportable conditions (syphilis, gonorrhea, herpes, and chlamydia).

The Program maintains a computerized data base to monitor the incidence, prevalence, and medical management of over 18,000 STD cases reported in the state each year. In 1989, the computer data base that handles this operation underwent a major update. With this information high risk populations are identified and targeted for intervention activities such as education and increased screening. Medical and epidemiological consultations are available to county health departments, the Indian Health Service, military installations, and the private medical community.

Acquired Immunodeficiency Syndrome (AIDS) Section

The Acquired Immunodeficiency Syndrome (AIDS) Section, created in 1986, is responsible for a wide range of surveillance and prevention activities. A major function of the Section is to maintain a statewide registry for AIDS, AIDS Related Complex (ARC), and Human Immunodeficiency Virus (HIV) seropositive case reports. Data from this registry is utilized to monitor the scope of the HIV epidemic, evaluate program activities, and project future trends and health resource needs. The AIDS Section publishes statewide AIDS statistics in a monthly report.

The AIDS Section also maintains contracts with county health departments to provide HIV counseling and testing services, AIDS surveillance, and community AIDS education. Through these contracts, 11,695 individuals received HIV counseling and 9,966 were tested for HIV infection during FY 1990. Additionally, Section staff provided training to over 200 county health department staff and other professionals in HIV counseling, testing, and partner notification.

In addition to ongoing disease reporting activities, the AIDS Section has collaborated since 1988 with the federal Centers for Disease Control (CDC) in several special HIV/AIDS surveillance studies known as the Family of Surveys. These seroprevalence surveys, which are centered in Maricopa County, are designed to measure the level of HIV infection among several subgroups, including women's health clinic clients, drug treatment center clients, sexually transmitted disease clinic clients, state inmates, and newborns. Data from these surveys have greatly expanded knowledge about the spread of HIV infection in Maricopa County and statewide.

The AIDS Section also administers a program distributing zidovudine, an AIDS drug therapy also known as AZT, to persons with AIDS who are otherwise unable to procure the life-prolonging treatment. During FY 1990, 193 individuals received zidovudine through this federally-funded program.

During the year, 184 individuals diagnosed with AIDS, 35 with ARC, and 435 with asymptomatic HIV infection were reported to the AIDS Section. There were 66 AIDS-related deaths in Arizona during FY 1990.

Office of Chronic Disease Epidemiology

The Office of Chronic Disease Epidemiology, created in 1986, directs the activities of the Birth Defects Monitoring Program, the Arizona Cancer Registry, drowning prevention, and the studies determining the mortality and incidence of children with cancer in Maricopa County. The goal of the Office is to reduce the incidence of preventable chronic diseases.

Drowning Prevention

The Office, in conjunction with hospitals and fire departments, collected and published data concerning incidents of drowning and near-drowning. This data is used in examining circumstances of drowning in Arizona, and have been useful for local projects to reduce these tragic and preventable injuries and deaths.

Maricopa County Childhood Cancer Incidence Study

In conjunction with the Office of Risk Assessments and Investigations, the Office completed and reported the results of the incidence study of childhood cancer, including leukemia, in Maricopa County. Elevated leukemia rates were noted in West Central Phoenix. A case study is currently being planned in order to search for causative factors.

Arizona Birth Defects Monitoring Program

The Arizona Birth Defects Monitoring Program, established in 1986, provides needed data concerning types, frequency, and distribution of birth defects in the population. This data is useful in attempting to identify preventable causes of birth defects, to plan for appropriate care and services, and to assess the impact of intervention strategies.

At the end of FY 1990 there were an estimated 6,000 cases in the birth defects registry for the years 1986-1989. The first annual report on the incidence of birth defects in Arizona was finalized and was slated for publication in early FY 1991.

Arizona Cancer Registry

The Arizona Cancer Registry (ACR), operational in 1981, was established for the collection, management, and analysis of data concerning cancer cases. Information is currently collected on a voluntary basis from participating hospitals in Arizona. The ACR provides support to researchers, medical professionals, and hospitals by collecting valuable data needed to monitor the progress of patients and implementing improved treatment modalities. Additionally, it provides data for use in planning early detection and effective cancer prevention programs.

During FY 1990, the ACR processed over 15,000 new case reports of cancer and 102,591 case follow-up reports. Registry staff responded to more than 90 requests for statistical data. Ten educational workshops were conducted for reporting facilities.

Cancer reporting rules are currently under review in accordance with Arizona Revised Statutes 36-133. The law mandates the Arizona Cancer Registry to become a population-based surveillance system. Once complete and accurate ascertainment of incidence cases in Arizona is achieved, the Registry can address issues such as: identification of high risk populations, the geographic distribution of cancer, and the development of intervention and prevention programs.

Office of Risk Assessment and Investigation

Risk Assessment and Environmental Epidemiology Section

The Risk Assessment and Environmental Epidemiology Section completed its third full year of operation under an Intra-Agency Service Agreement with the Arizona Department of Environmental Quality (DEQ). During the year, four new task assignments were received bringing the cumulative total to 27. Work was completed on nine task assignments including epidemiologic studies of possible long-term adverse health effects in six population groups. Risk assessment procedures were used to develop groundwater guidance levels and groundwater protection soil levels for 92 pesticides. Also, over 100 health-based guidance levels for drinking water and ingested soil were added to the DEQ data base during the year, bringing the total number of substances for which guidelines exist to 223.

Investigation and Surveillance Section

The major activity of the Investigation and Surveillance Section during FY 1990 was the Pesticide Poisoning Surveillance and Prevention Program. Program staff responded to 1,192 inquiries from the public, physicians, and other state regulatory agencies. These inquiries resulted in 55 epidemiologic investigations. In addition, staff participated in workshops and seminars on pesticide safety throughout the state.

The second major activity of the Section was related to inquiries and complaints concerning indoor air pollution. Staff responded to 398 inquiries and conducted 25 epidemiologic investigations in this area, and further, responded to 716 inquiries and complaints from the public, medical professionals, and other governmental officials regarding various environmental toxins and environmentally-provoked illnesses. Additionally, consultation and risk assessment assistance was provided to the DEQ Office of Air Quality concerning health-based air quality guidelines.

Other Office activities included the administration of a multi-year contract with the non-profit Arizona Kidney Foundation to meet the transportation and medication needs of patients with inadequate financial resources, as well as representation of ADHS on the Department of Administration Environmental Advisory Committee, the Water Systems Coordinating Council, and the Arizona Wastewater Management Authority Board.

Office of Health Promotion and Education

The Office of Health Promotion and Education is responsible for statewide health promotion and education. The Office develops programs to inform the public about health problems and the actions necessary to alleviate those problems. In support of the educational efforts by local agencies, the Office provides technical assistance, consultation, training, and materials.

Examples of projects conducted during FY 1990 by the Office include:

- "Know Your Number" Cholesterol Education Campaign
- Served as the state focal point for the National Health Risk Appraisal System in cooperation with 50 local Arizona agencies
- Monthly prevalence survey of health risk behaviors of Arizona adults
- 25 educational training workshops and conferences on health promotion/disease prevention for an estimated 15,000 health professionals
- The Arizona Tobacco-Free Advisory Committee
- A statewide health education manpower survey
- A Health Education Job Bank in cooperation with the Arizona Public Health Association

The Office, in coordination with the AIDS Section, developed an AIDS risk reduction project. This program's educational activities focused on increasing public knowledge about AIDS and how to prevent its transmission. These projects distributed 300,000 pieces of informational materials on AIDS and conducted statewide general population, minority population, and gay/bisexual population surveys on knowledge, attitudes, and behaviors regarding AIDS. AIDS education projects were funded in Maricopa, Pima, and selected rural counties. Special initiatives were funded for Black, Hispanic, and Native American AIDS prevention and intravenous drug users outreach. A statewide AIDS media campaign was carried out, including a special training program for high school journalists. In addition, a new statewide newsletter "Arizona Responds to AIDS" was initiated for the public and state and local agencies and organizations.

Preventive Health Block Grant

ADHS continued the effort to reduce the prevalence of high blood cholesterol among Arizonans. Screening and education projects were implemented by 10 of the 15 county health departments. State and local level activities were combined to ensure that the entire adult population of Arizona was reached with a message about the importance of lowering blood cholesterol for the prevention of cardiovascular disease.

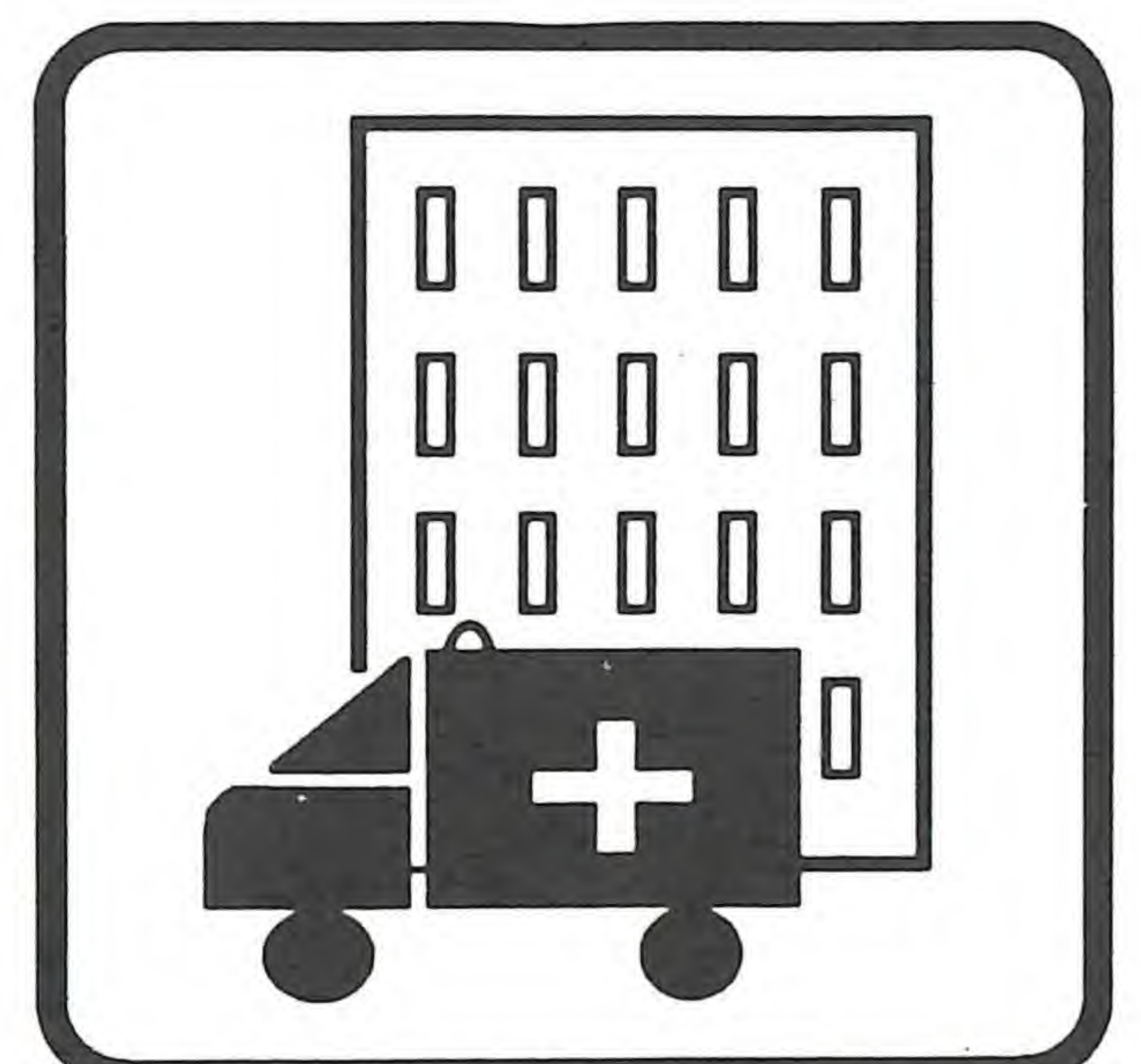
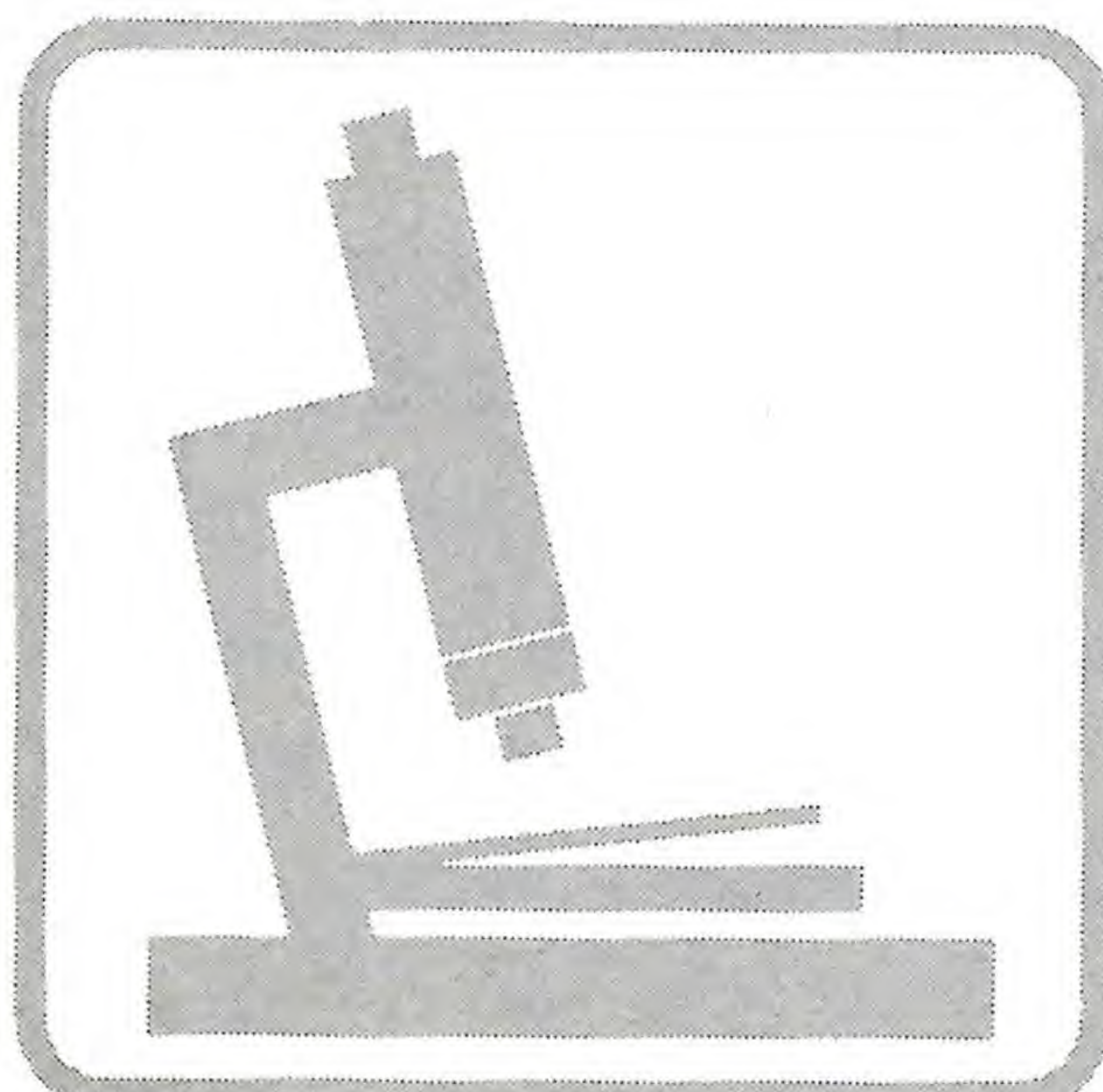
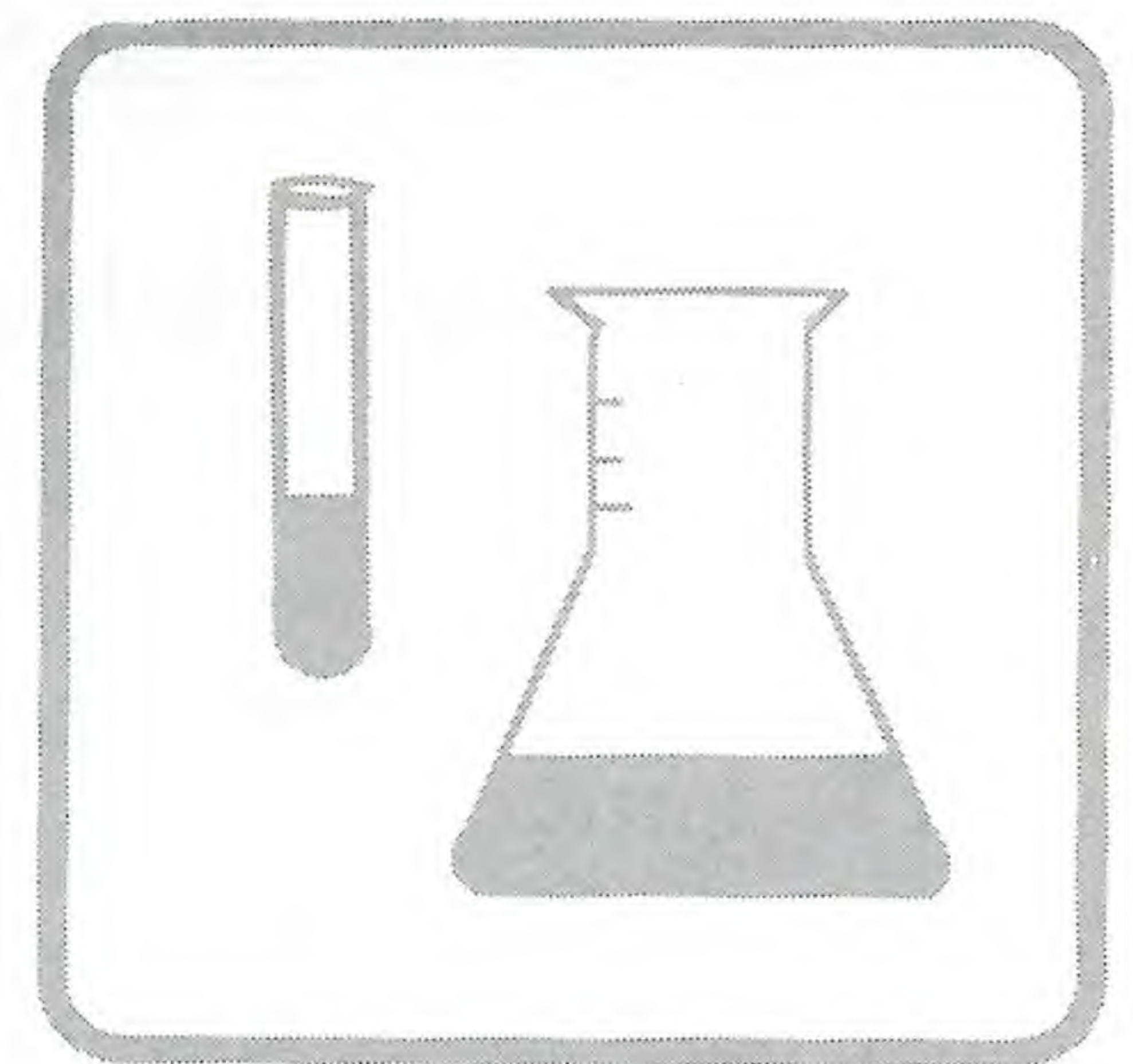
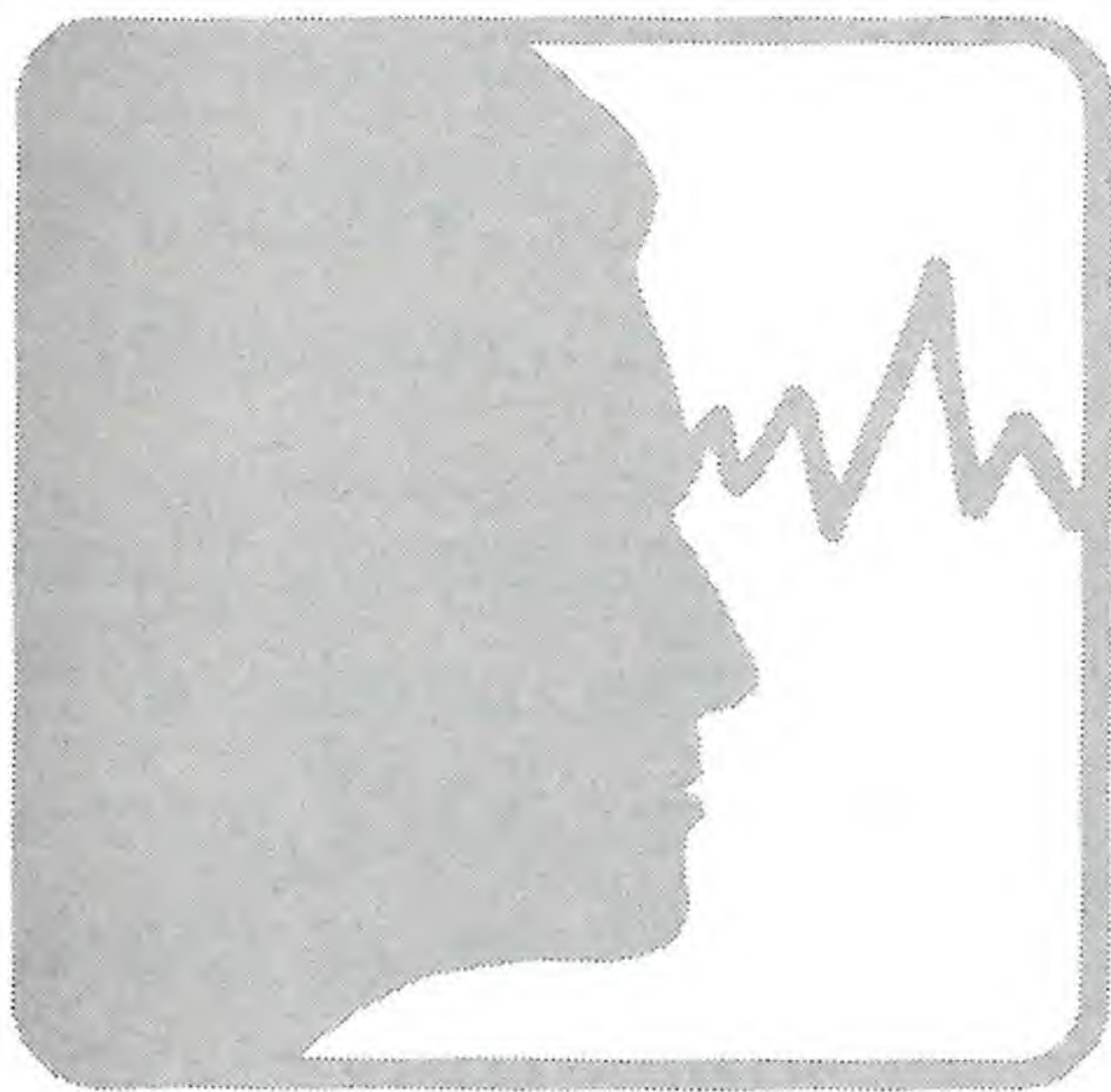
Four rape prevention projects were funded during the year. All focused on the prevention of date-rape among adolescent, college age, and young adult women.

Block grant funding enabled the Office of Dental Health to provide a fluoride mouthrinse program and smokeless tobacco education to school age children throughout the state.

The Governor's Council on Health, Physical Fitness and Sports sponsored fitness events and distributed information on fitness and health throughout the state.

The Block Grant funded an AIDS Project Coordinator who staffed the Governor's Task Force on AIDS, created in October, 1988. A task force report was slated for publication by December 1990.

DIVISION OF EMERGENCY MEDICAL SERVICES & HEALTH CARE FACILITIES



The Division of Emergency Medical Services and Health Care Facilities attends to the needs of Arizonans at special risk: the very young, the old and infirm, and those in need of emergency pre-hospital care. The Division establishes and monitors compliance with standards for hospitals, surgicenters, health maintenance organizations, specialized health care centers, nursing homes, supervisory care centers, child day care facilities, ambulance services, emergency medical technician (EMT) training programs and advanced life support (ALS) base hospitals. The Division also sets standards for, and tests, all individuals seeking certification as an EMT. Compliance with applicable laws is, in part, an education process. Consequently, all offices within the Division work with individuals and organizations being regulated to assure an understanding of the requirements.

Office of Emergency Medical Services

The Office of Emergency Medical Services (EMS) performed the following services:

EMT Exams administered	5,001
Basic EMTs certified	4,110
Intermediate EMTs certified	175
Emergency paramedics certified	610
Ambulances inspected	359
Certificates of Necessity processed	59
TOTAL	10,314

The Office administers the EMS Operating Fund which is generated from fines levied on moving violations and driving under the influence convictions. For the fiscal year, monies from the EMS Operating Fund were distributed in the following fashion:

Provider Grants	\$ 400,000
Emergency Medical Services	
Communications System	100,000
Special Projects	200,000
Ambulance Development	150,000
Office of EMS	1,686,000
TOTAL	\$2,536,000

The four new ambulances purchased this year bring to 45 the number of Department-owned ambulances that are loaned to rural providers. The new units were sent to Santa Cruz County, White Mountain Community Ambulance Service in Springerville, and Ponderosa Ambulance in Show Low. The fourth unit was for use by the Department as a spare for temporary use by rural services.

The Office of EMS operates from locations in Phoenix, Flagstaff and Tucson to meet the needs of EMS providers. At more than 125 sessions, EMT tests were administered to over 5,000 individuals at the EMS state offices and at other locations throughout the state.

As a result of recommendations made by the State Auditor General's Office, the Office of EMS undertook more aggressive action in the investigation of complaints against individuals and organizations under its supervision. During the year, 123 complaints were received and investigated, and 24 hearings were held regarding those complaints.

Office of Child Day Care Facilities

This Office is responsible for the licensing and regulating of child day care centers and checking the fingerprints of all employees in the centers to determine their eligibility for employment in such facilities. Surveys of licensed facilities are performed annually to ensure continued compliance with applicable rules and statutes. Investigations of complaints are conducted at licensed and unlicensed facilities. In FY 1990 the Office implemented a new program "Small Group Homes," which allows people to care for children in their home.

During FY 1990, the Office conducted the following activities:

- Licensed 970 new child day care centers
- Certified 12 new day care group homes
- Renewed 293 child day care center licenses
- Processed change of ownership for 40 child day care centers
- Issued 381 provisional licenses (13 for deficiencies)
- Conducted 1,022 annual and follow-up surveys for child day care centers
- Conducted 35 day care group home surveys
- Responded to 625 complaints about licensed facilities and unlicensed day care homes
- Responded to 168 complaints about certified day care group homes and unlicensed child day care facilities
- Provided technical assistance, consultation and training to 596 current and potential child day care operators
- Provided technical assistance, consultation, orientation and training to 438 current and potential group home providers
- Processed 4,720 new fingerprint registrations of day care center staff who work directly with children
- Processed 9 formal enforcement actions

Office of Health Facilities Licensure

This Office licenses and regulates all health care institutions. Applications for new facilities, new services or any change in services provided by a health care facility are reviewed by this Office. A survey is conducted to assure compliance with statutory and rule requirements for licensure. Surveys of licensed or registered facilities are performed annually to assure continued compliance. Investigations of complaints are conducted at both licensed and unlicensed facilities.

The Office of Health Facilities Licensure performed the following surveys of health care institutions for the purposes of Medicare/Medicaid certification and/or state licensure:

Nursing Care Institutions	564
Supervisory Care Facilities.....	184
Home Health Agencies	127
Hospitals.....	209
Ambulatory Surgical Centers	32
Outpatient Treatment Centers.....	285
End-Stage Renal Dialysis Units	30
Independent Practice of Physical Therapists	170
Outpatient Physical Therapy/Speech/Rehab	13
Independent Practice of Occupational Therapists	4
Registered and Unlicensed Homes.....	528
Rural Health Clinics	4
Health Maintenance Organizations	15
Infirmaries	4

Unclassified Facilities:

Birthing Centers	1
Surgical Recovery Centers	3
Neurological Rehabilitation Facilities	1
TOTAL	2,174

In addition, the Office responded to 808 complaints and took the following actions on facilities:

License Revocations	4
Reversion to Provisional License	12
Summary Suspensions	1
Restrictions on Admissions	6
Orders to Cease and Desist	23
Requests for Injunctions	5
Resident Removal Letters	16
Civil Penalties	2

In 1990, The Office created the Compliance Section to prosecute legal actions and to perform internal quality assurance. In addition, the Office advocated the passage of Laws 1990, Chapter 292, Adult Care Homes, which authorizes the licensure of residential facilities providing mid-level nursing services for no more than 10 residents.

**Office of Health Economics
and Facilities Review**

This Office is responsible for rate review of nursing care institutions and hospitals. Diagnosis Related Group (DRG) information is gathered, compiled and used to generate a number of reports for distribution to the public, other governmental entities and private industry. Permits for new services, construction or remodeling of nursing care institutions, hospitals and day care centers are issued after architectural plans are reviewed to assure compliance with mandated building codes and standards for the various facilities. Site visits are also conducted to verify compliance with the approved building plans.

Section of Economic Review:

Twice each year, hospital inpatient discharge data is collected and edited. Reports are published based upon DRGs, patient charges, lengths of stay, and zip codes. All state licensed general hospitals with more than 50 beds are required to report. In the past year, there were approximately 426,000 patient discharges.

Fifty-thousand copies the *Comparative Hospital Costs* brochure which lists 48 of the most frequent DRGs were distributed free to the public. This section also distributed 300 copies of the *Comparative Report of Hospital Costs* which lists every DRG by hospital, and 240 copies of the *Patient Origin Report* which identifies DRG by patient zip code.

Section of Facilities Review:

Reviewed 658 construction documents for:

Child day care centers	296
Hospitals	198
Nursing care institutions	113
Outpatient surgical centers	51

Issued 229 construction and service permits to:

Adult day health centers	10
Hospice care	1
Hospitals	110
Nursing care institutions	50
Outpatient surgical centers	8
Outpatient treatment centers	35
Supervisory care homes	14
Unclassified health care	1

Visited 280 construction sites for hospitals, nursing care institutions, outpatient treatment centers, supervisory care homes, home health agencies, and child day care centers.

At the end of the fiscal year, there were 12,584 licensed hospital beds and 16,071 licensed nursing care beds.

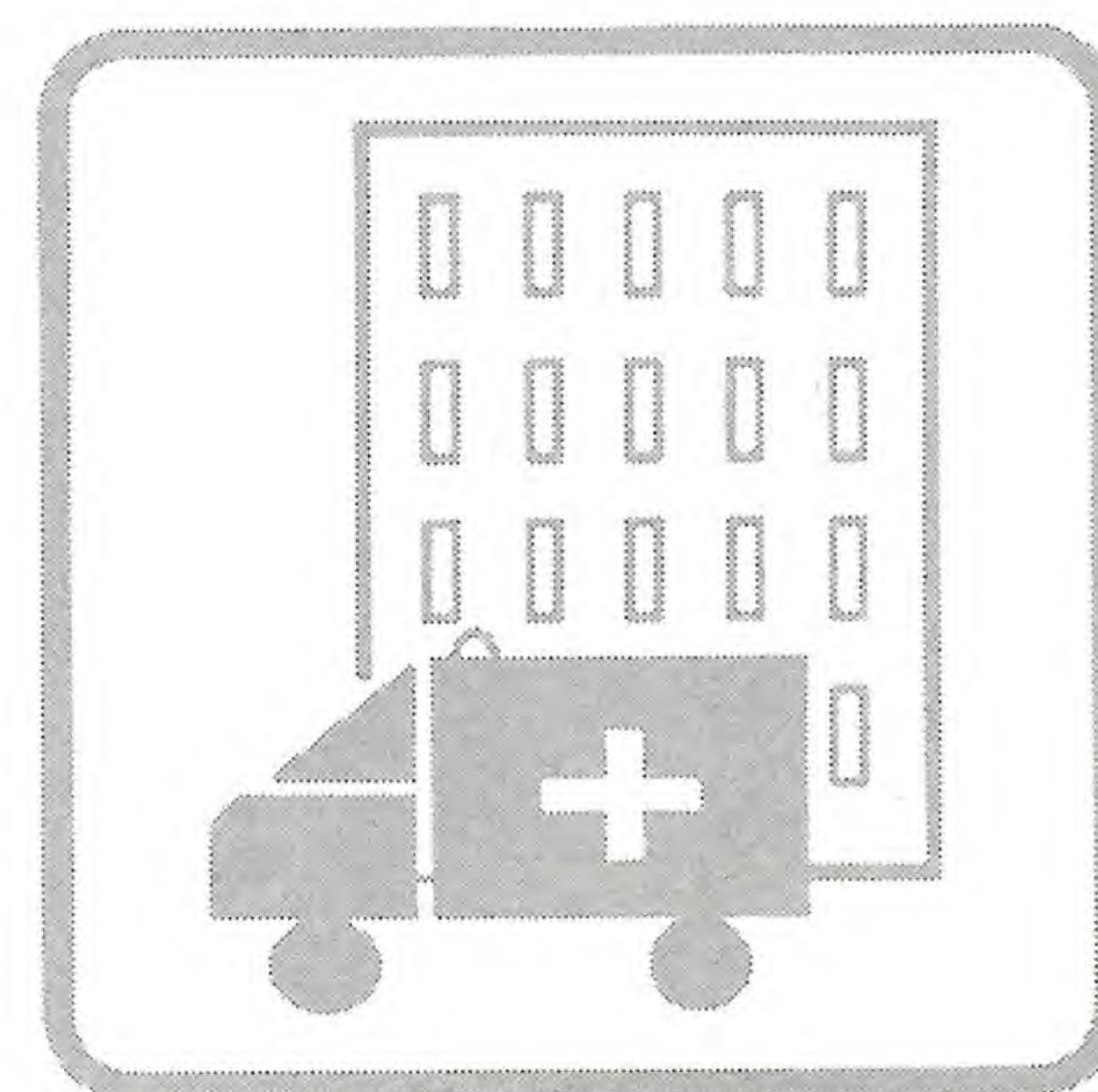
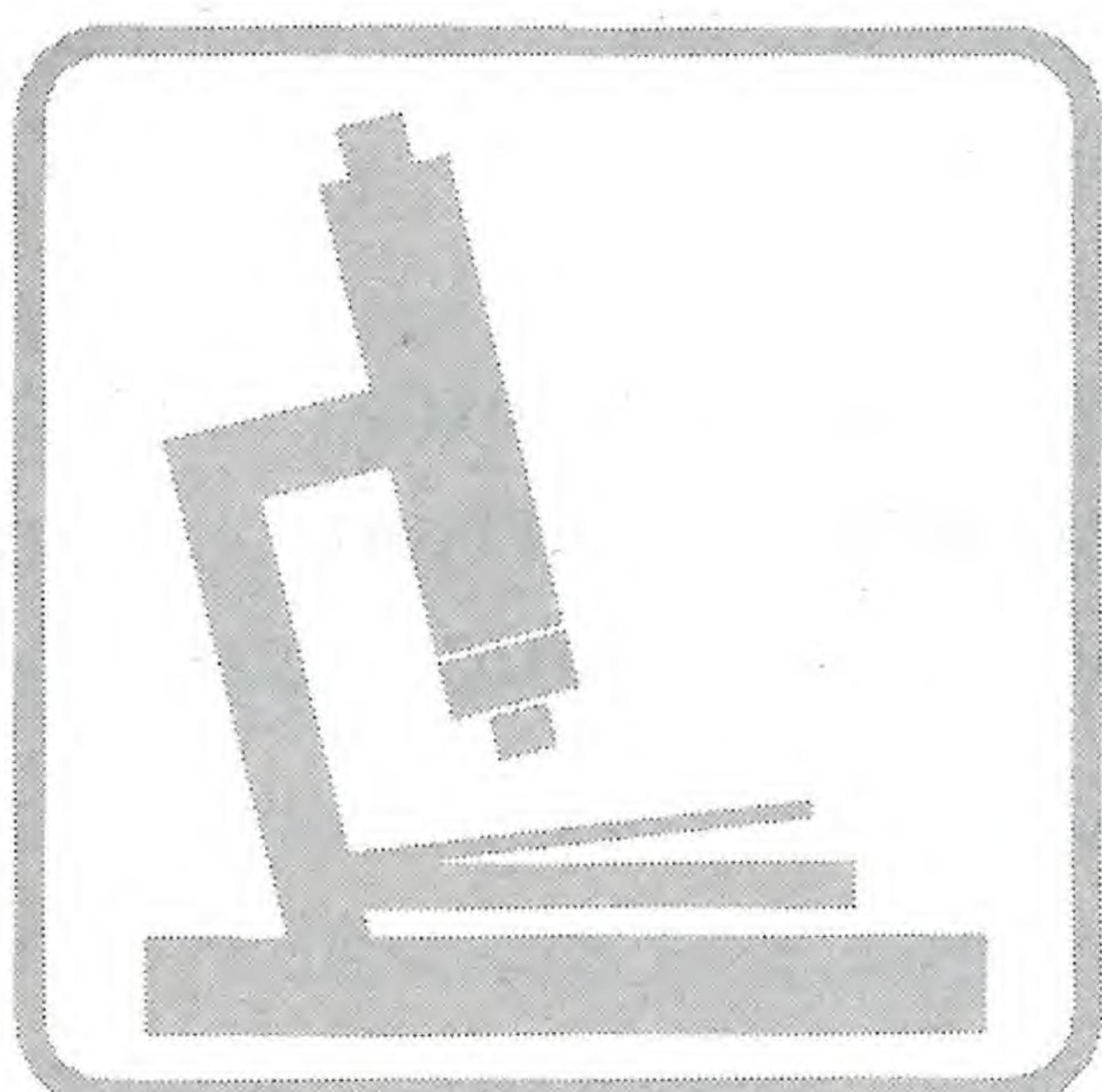
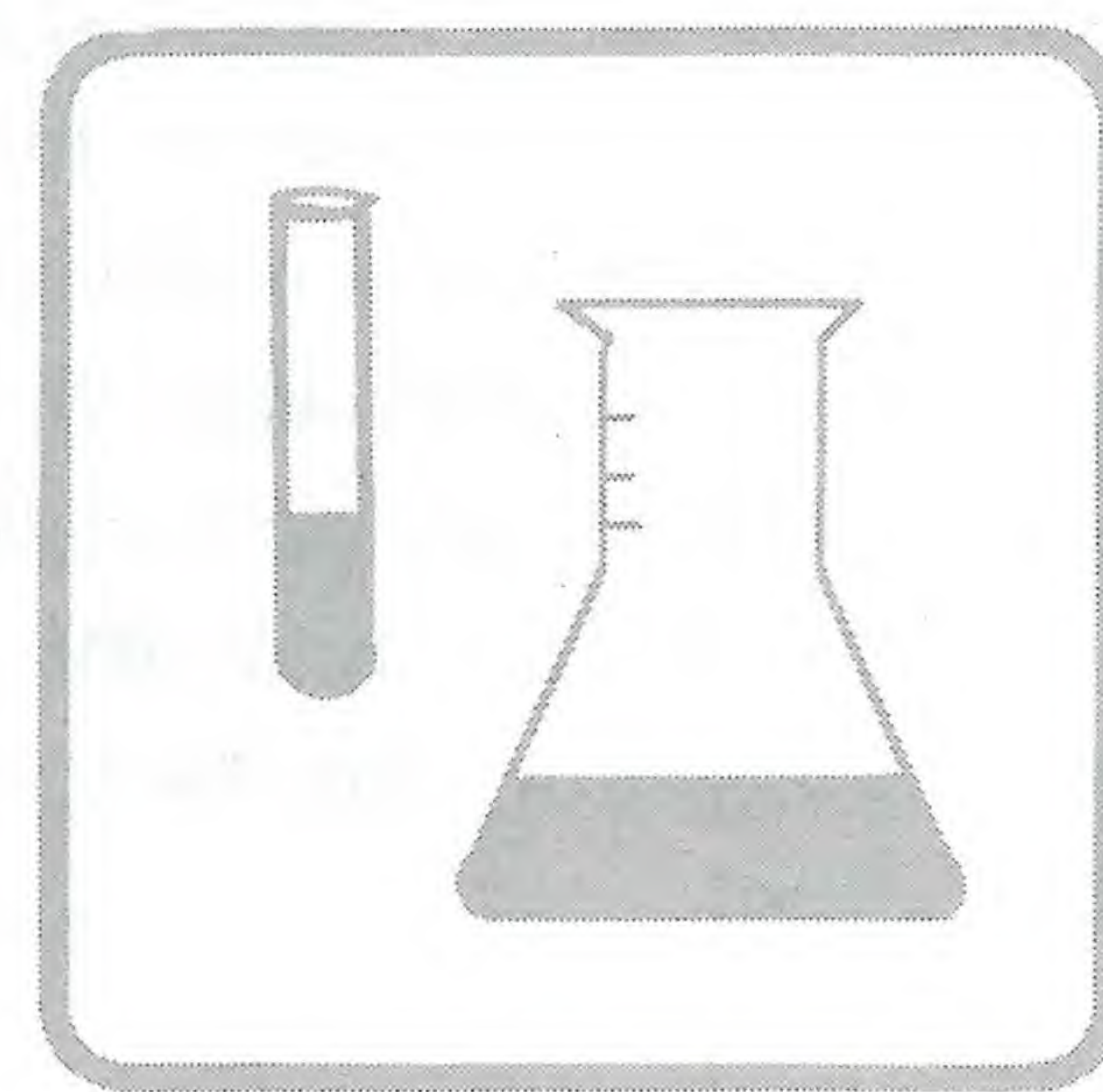
Section of Financial Review:

Performed 125 hospital and 102 nursing care institution rate reviews. Uniform Accounting Reports were received and processed from 80 hospitals. Nine nursing care institutions submitted a Uniform Accounting Report (statutory requirement effective October 1, 1990).

In addition, this section published data and consumer information in the following documents:

- Comparative Studies of Rates and Charges
- Revenue and Cost Study
- Hospital Statistics (1987)
- Annual Report of Health Facilities: Hospitals
- Annual Report of Health Facilities: Nursing Care Institutions
- Arizona Hospital Statistics (Utilization-Cost-Services-Staffing)

DIVISION OF FAMILY HEALTH SERVICES



The Division of Family Health Services administers programs to promote and improve the health status of Arizona residents. This is accomplished through comprehensive planning, community organization and development, training and technical assistance, and direct provision of screening, preventive, and curative health services. Offices of the Division include: 1) Children's Rehabilitative Services; 2) Nutrition Services; 3) Dental Health; and 4) Maternal and Child Health.

Family Health Services Automated Management Information System (FHAMIS)

The Division of Family Health Services is developing an integrated data base called FHAMIS for all of its programs, including the Offices of Children's Rehabilitative Services, Maternal and Child Health, Nutrition Services, and Dental Health. This will be linked with related systems within the Department in the Offices of Local and Border Health and Vital Records. The sixth component of the system is Family Health Services (FHS). It is the "manager" of the entire system and allows for the unique identification of each FHS client.

Data entry, manipulation, and reporting occur at local ADHS contract agencies on microcomputers throughout the state. The local data bases are transferred electronically to and from ADHS and the total data base is maintained at the state level. Ad hoc, as well as production reports, are available at both local and state levels.

Office of Children's Rehabilitative Services

Children's Rehabilitative Services (CRS), formerly called Crippled Children's Services, is dedicated to providing a full range of quality comprehensive health care to children residing in the State of Arizona with special health care needs. CRS accepts children with chronic illness or physically handicapping conditions, having the potential for cure or significant improvement. Examples of such conditions are cleft lip and palate, congenital heart disease, spinal defects, and many other congenital anomalies. CRS provides diagnostic, surgical, hospitalization, rehabilitation, pharmacological, and allied health services as needed for the conditions eligible for care. The CRS program has both medical and financial eligibility requirements.

CRS Clinics and Hospitals Section

CRS served 18,754 children throughout the state during FY 1990. Hospital inpatient and ambulatory surgery services for children living in the central and northern regions of Arizona were provided through contractual arrangement with St. Joseph's Hospital in Phoenix and Flagstaff Medical Center in Flagstaff. In 1989-90 there were 1,608 discharges and 1,936 ambulatory surgery cases in Phoenix and 159 discharges and 92 ambulatory surgery cases in Flagstaff.

Outpatient services were provided by contract with St. Joseph's Hospital and Flagstaff Medical Center. During FY 1990 there were 32,459 visits made to the clinic at St. Joseph's and 1,698 to the Flagstaff Clinic.

In southern Arizona, inpatient and ambulatory surgery services were provided at Tucson Medical Center, University Medical Center, and Yuma Regional Medical Center. There were 538 discharges and 792 ambulatory surgeries in Tucson, and 105 discharges and 88 ambulatory surgeries in Yuma.

The CRS program operates an outpatient clinic in Tucson in cooperation with a private service organization. There were 16,704 clinic visits in FY 1990.

CRS also has a clinic at Yuma Regional Medical Center. There were 1,650 visits to the Yuma clinic.

Physicians from the program traveled periodically to outlying communities and the larger Indian reservations. There were 2,342 children served by these clinics.

CRS, in cooperation with the Mountain States Newborn Screening Laboratory for Genetic Diseases, monitored the screening of 79,046 newborns in Arizona for inborn errors of metabolism, including hypothyroidism, phenylketonuria (PKU), abnormal hemoglobins, galactosemia, homocystinuria, and Maple Syrup Urine Disease.

CRS Consultation and Community Services Section

The CRS Consultation and Community Services Section provides a linkage between the hospital, clinic-based services, and the community. The Section provides consultation and technical assistance in the areas of speech and language pathology, occupational and physical therapy, social services, audiology, vision, nutrition, and nursing. In addition, the Section has developed services that promote the early identification screening and tracking of children with potentially handicapping conditions and special health care needs. Consultation and Community Services assists families in locating health-related resources through a statewide information and referral line established for chronically ill and physically disabled children.

Child Health Screening Program

Within Consultation and Community Services the Child Health Screening Unit was established to develop a statewide system of screening Arizona's children. The purpose of this unit is to assure that children are screened for health and developmental risks factors, with a particular emphasis on the early identification for young children. This is accomplished through: 1) the provision of training in screening techniques and methodologies; 2) public awareness and education on the benefits of early identification; and 3) serving as a resource to local communities in the development and implementation of child health screening programs. The following programs are components of the Child Health Screening Unit.

The Vision Program provides training and consultation services throughout the state. School districts, preschools, clinics, Indian health centers, and other health and education agencies utilize program staff for consultations, technical assistance, and resource information on vision screening, referrals, and follow-up for vision defects detected in children. During FY 1990 approximately 445,000 pre-school and school-aged children received vision screening.

The Hearing Conservation Program promotes the effective use of consultation, screening, identification, and monitoring for providers of services to persons with hearing impairments. This is accomplished through inservice training to schools and health care providers located in pre-schools and county health departments, AHCCCS, and private physicians. During FY 1990, 386,767 children were screened for hearing impairments.

The Hearing Aid Dispenser Licensing portion of the program provides licensing and regulation for hearing aid dispensers in Arizona. There were approximately 421 active licenses and 27 temporary licenses. Twenty complaints were investigated, and licensing exams were given twice during the year.

The Program for Early Identification of Hearing Loss was established to reduce the average age identification and intervention of hearing impaired children. The Never Too Young Program established a tracking system for early identification and intervention of children at risk for hearing impairment. A data base of pediatric audiology programs provides information to parents in locating evaluation and habilitation services. Health care professionals, child care workers, and parents are targeted in public awareness/education efforts.

CRS Consultation and Community Services also includes a speech/language pathologist, educator, nurse, social worker, and contract physical therapist to provide a multi-disciplinary approach to services. Staff worked together through their specialities to assess the needs of children, provided counseling, provided consultation on educational needs, trained staff, parents, and teachers, and assisted with referrals when necessary. These consultants provided the necessary link between the community and CRS programs. They worked as liaisons among statewide social service agencies, advocacy groups, and community health care providers.

CRS Chronic Disease Services Section

The CRS Chronic Disease Services Section is available to assist Arizonans with Cystic Fibrosis, Sickle Cell Anemia, and related diseases. Staff, through established health care delivery systems, screened 5,024 persons for sickle cell trait/sickle cell anemia and variant diseases; and provided counseling about the disease to 525 individuals and their families. Services, which included confirmatory testing and appropriate counseling, were provided to the families of those children who, through newborn screening, tested positive for sickle cell trait. The program contracted with hospitals in Phoenix and Tucson to provide all required services to 115 infants and children, and 112 adult patients with sickle cell disease or cystic fibrosis.

Office of Dental Health

Preventive Services

Most Arizonans do not have the benefit of optimum fluoride levels in their drinking water. The school-based Fluoride Mouthrinse Program is an effective preventive technique against dental caries (decay). In Arizona, 250 schools participated in this program, resulting in more than 100,000 children rinsing with fluoride weekly. The cost, including administrative costs, was approximately \$1.00 per child.

For Arizonans who do not have fluoridated water, fluoride supplements can be used to reduce dental decay. The Fluoride Supplement Project research was completed, for use in developing a manual containing specific information that health care providers need to prescribe appropriate fluoride supplements. The manual was sent to over 6,000 health care providers statewide. The final phase of the utilization assessment is in progress.

Educational services for interested adults, schools, and youth groups are provided statewide. Consultation services are offered to assist school administrators, nurses, and teachers with their dental health education programs. Consultation is also available to various elderly residential and child day care facilities. As Arizona's dental resource, the Office of Dental Health distributes an extensive variety of dental health education pamphlets, posters, and handouts, and maintains a lending film and video library. Specific information is available about fluoridation, dental sealants, baby bottle tooth decay prevention, dental health promotion for the elderly, and the potential hazards of smokeless tobacco use.

The state-funded Dental Sealant Program completed its first year providing dental sealants to approximately 3,000 indigent school children. Eighty-six percent of dental caries in children occur on the occlusal (chewing) surfaces of the teeth, and the application of sealants reduces the incidence of occlusal caries by as much as 80 percent.

Treatment Services

A large percentage of indigent children in Arizona, especially those residing in remote and sparsely populated areas, lack a dental care program. Four mobile treatment trailers provided comprehensive dental treatment for non-AHCCCS eligible children in FY 1990. Ten thousand "notch group" children received care in these treatment trailers, and also through contracts with county health departments and local private providers.

The Office of Dental Health, in conjunction with the Maricopa County Department of Health Services, has established a dental clinic at the McDowell Wellness Clinic in Phoenix to provide dental treatment services to HIV/AIDS patients and training for the dental community. Beginning in May 1990, approximately 16 persons per month were provided a variety of dental services.

Special Projects

The Homebound Program, a cooperative project with the Division of Aging and Adult Administration in the Arizona Department of Economic Security, has completed its third and final year of the grant period. The Office of Dental Health continued to provide homebound dental care for 100 medically indigent and frail elderly individuals. Portable dental equipment provided the means to take basic dental services into homebound situations. In addition, the development and coordination of a curriculum to prepare students at the two Arizona Dental Hygiene schools to work with special needs patients was initiated and administered through the Office of Dental Health.

The Office of Dental Health provided consultation services to the Arizona Health Care Cost Containment System (AHCCCS) and the Department of Economic Security Division of Developmental Disabilities.

Funding has been received from the Arizona Disease Control Research Commission to study the current dental conditions and necessary dental treatments for Arizona's older adults. The three-year project will survey elders: 1) living in nursing homes, 2) living at home and receiving supportive services, and 3) living healthy, active lives. Each participant will receive a dental examination and be asked a series of questions to determine the dental treatment they perceive is needed. Approximately 3,000 older adults will be surveyed during the three years. The information gathered from this project will be used by the Office of Dental Health to effectively plan appropriate dental programs for older citizens of Arizona.

The Office of Dental Health has received a two-year grant from the W. K. Kellogg Foundation to improve the dental health of hearing-impaired children ages 3-5 through preventive education in the classroom, stressing family-child-teacher interaction. The teaching modules will be designed and developed with the guidance of special education teachers and parents of hearing-impaired children. Teaching modules will be distributed in Arizona to the schools for the deaf, Infant Outreach Program, and Parent Lending Library, as well as key national depositories for circulation. It is estimated that the teaching modules will reach over 200 hearing-impaired children ages 3-5 in Arizona each year and about 5,000 hearing-impaired preschoolers nationally.

Office of Maternal and Child Health

Newborn Intensive Care Program

The Newborn Intensive Care Program is a statewide system of consultation, transportation, hospital, medical, and follow-up services for critically ill newborns. The program contracts with and monitors local providers such as physicians, secondary and tertiary hospitals, air and ground ambulances, and transport teams who delivered services to approximately 2,900 newborns. The state Newborn Intensive Care Program is responsible for only 7 percent of the cost of services, with 93 percent of the cost borne by the family, insurance companies, health maintenance organizations, AHCCCS, and providers. Since the inception of this program in 1967, the neonatal death rate has decreased significantly in Arizona. The follow-up services to program infants consist of home-based nursing including families and multi-disciplinary developmental assessments in clinics for high risk infants. After home and/or developmental assessments are completed, health personnel teach as well as make referrals when problems are identified. Critically ill newborns often are at greater risk for having developmental problems as a sequel to their neonatal experience. If detected early, some of these problems can be ameliorated through intervention.

Funding allowed the program to contract for follow-up services in 14 counties for nursing case management for these high-risk infants and their families. A more formalized home assessment tool was chosen, and nursing child assessment satellite training (N-CAST) began for public health nurses serving the Maricopa County area. In addition, training was provided to case manager nurses statewide.

In the follow-up clinic component, a clinic was established at Maricopa Medical Center. In addition to clinic activities, a developmental screening of four-year olds was sponsored in the Maricopa County area for children considered low risk.

Early Childhood Program

The Early Childhood Program gathers and disseminates information on early childhood issues and provides consultation/technical assistance about health and development of infants and preschoolers. Activities included the implementation of the "Self Study" and the "Health Training in Child Care Project." The Self-Study Project is a collaborative effort with the Arizona Department of Education, including Special Education and Headstart, and the Arizona Department of Economic Security, Division of Developmental Disabilities, to upgrade child care for special needs children. Targeted are child care centers serving, or with the potential to serve, special needs children. The project utilizes the self-study accreditation process through the National Association for the Education of Young Children.

The Health Training Project involves caregivers taking 700 modules in health and safety for infants and preschoolers; training of 50 child development associates in current health and safety practices; and the provision of public health nurses in Pima and Maricopa Counties to provide technical assistance for child care centers and Head Start Programs.

School Health

The School Health Program provides consultation, education, and technical assistance to school health staff.

Adolescent Health

The computerized Adolescent Health Risk Appraisal (AHRA) developed by the Rhode Island Health Department was implemented in 20 schools. Teens responded to a questionnaire which generated a confidential printout response to accompany a "Way to Wellness for Teens" booklet and a list of community resources.

Primary Care

The Office of Maternal and Child Health established a position to address primary health care services for children in Arizona. This was in response to a survey conducted by ADHS to determine the utilization and financing of primary care services of Arizona's children. Contracts have been established in three areas of the state to develop primary care services in children.

Injury Prevention

The injury prevention program manager works with a coalition of agencies to accomplish project objectives. One such coalition is the Arizona Coalition for Injury Prevention which facilitates improved communication/coordination between agencies, assesses injury data, and promotes injury prevention programs. Activities in injury prevention included implementation of the "Safe Kids" campaign and development of local injury prevention programs.

Statewide Pregnancy and Breastfeeding Hotline

The purpose of the telephone Hotline is to assist pregnant women to obtain early and continuous prenatal care. Staff provide information, referral, support, and advocacy to pregnant women and their families throughout the state. The Hotline, available statewide since April 1988, is staffed during business hours and uses an answering machine for evening and weekend messages. This bilingual, bicultural service received approximately 2,500 calls in FY 1990. One additional staff member was added through a grant from U. S. West Communications.

Prenatal Care Promotion Campaign

The statewide Prenatal Care Promotion Campaign, "The Greatest Love," began in Fall 1988 as a joint effort between ADHS and the Arizona Broadcasters Association. Television and radio spots in both English and Spanish were developed and tested to assure understandability, acceptability, and cultural relevance. The spots aired 4,802 times during FY 1990 and emphasized the importance of prenatal care and availability of the ADHS Pregnancy and Breastfeeding Hotline. U. S. West Communications, a Campaign partner, donated funds to expand the Hotline staff in order to handle the increasing number of calls. Plans are being developed to ensure the continuation and enhancement of the campaign.

Healthy Mothers, Healthy Babies Coalition

Arizona Healthy Mothers, Healthy Babies Coalition brings together organizations and individuals concerned with the health of mothers and infants in Arizona. The coalitions were established in Arizona in 1985, and have grown to 21 statewide including Native American communities. In January 1990, the coalition held a Southwestern Regional Conference which was attended by 200 representatives from around the country. Also in 1990, the coalitions developed low literacy brochures for the community on substance abuse prevention during pregnancy and accessing the AHCCCS system. During Healthy Mothers, Healthy Babies Month in October, the coalition developed a Community Activity Planning Guide to assist groups in developing an awareness campaign. The guide was distributed to agencies throughout the state.

Comienzo Sano/Health Start

Comienzo Sano/Health Start is a case-finding, education, and advocacy project for pregnant, low-income women using trained community lay health workers. There are two project sites: Eloy in Pinal County and the Yuma/Somerton/San Luis/Wellton area in Yuma County. Contracts with county health departments support 14 lay health workers who served 413 pregnant women during 1990 through over 500 home visits and almost 300 prenatal education classes. The lay health workers served over 50 percent of all the pregnant women at both project sites.

Nurse Case Management

The Nurse Case Management project is a three-year, federally-funded project to demonstrate the effectiveness of nurse case management in reducing the incidence of low birth weight babies born to AHCCCS pregnant women. This project will serve 1,200 women and compare their pregnancy outcomes to those of AHCCCS women not receiving the extended services.

Maternal Transport Program

The Maternal Transport Program is a system of consultation and transportation for high risk pregnant women living anywhere in the state. Transports are directed by perinatologists to Level III perinatal centers located in Phoenix and Tucson. During FY 1990 approximately 1,270 pregnant women were enrolled in the program.

Family Planning Program

The Family Planning Program contracts with local providers for comprehensive family planning services to low-income men and women using funds provided by the federal government. Approximately 10,000 eligible people received these services in FY 1990.

Midwife Licensing Program

The Midwife Licensing Program licenses qualified applicants, renews existing licenses, monitors care given by midwives, investigates complaints about licensed and unlicensed midwifery practice, and enforces rules governing midwifery. Examinations for midwifery licensing are offered twice a year. In FY 1990, there were 52 midwives licensed in Arizona who provided care to about 600 pregnant women and their newborns.

Teen Prenatal Express

The Teen Prenatal Express (TPE) program, initiated in 1989, provides case management services to pregnant teens to assist them in getting early and continuous prenatal care and to develop and follow through with a plan for a healthy pregnancy. Based on a declaratory eligibility process, teens begin prenatal care immediately and are assisted with the AHCCCS eligibility process. TPE covers the cost of prenatal care and delivery for low income teens who are not eligible for AHCCCS and who have no private medical insurance. Funds available in FY 1990 were sufficient to meet the needs of nearly 800 pregnant teens in 10 counties. This means that services are not available or were not provided to approximately 3,000 young teens, or about 78 percent of all pregnant teens under 18 who give birth in Arizona each year.

Support for Obstetrical Services (SOS)

The SOS project provides a medical malpractice insurance subsidy to family physicians and obstetricians who provide obstetric services in certain rural areas of the state. Twenty-seven physicians in ten rural counties contracted with the Arizona Department of Health Services to receive financial assistance. These physicians practice in rural areas determined to be obstetrically underserved.

Other Maternal and Child Health Activities

Consultation, training, and technical assistance are provided in a variety of areas to organizations and individuals throughout the state. Areas include: maternity nursing, case management, social marketing, communications, outreach, community organization, and perinatal social work. A project completed during FY 1990 was the development of perinatal social work standards for use by hospitals and in the Arizona Perinatal Trust certification process to strengthen these services in Level II and III hospitals.

Office of Nutrition Services

The Office of Nutrition Services is dedicated to providing a wide range of public health nutrition programs throughout the state to promote optimal nutritional status. Consultation and technical assistance in planning, implementation, and evaluation of public health services; nutritional care and/or food service management; and direct clinical nutrition care, as well as financial assistance for programs, are provided.

A nutrition surveillance reporting system is maintained in cooperation with the federal Centers for Disease Control. During FY 1990, CDC continued to fund Arizona to complete the enhancement of the pregnancy component of the nutrition surveillance system.

Ambulatory Nutrition Care Services

These services include comprehensive nutritional assessment, intervention and counseling, and referral. In FY 1990, special emphasis continued to be placed on reduction of nutrition-related risks for cardiovascular disease. Local programs provided a variety of interventions including: community education (through health fairs, media promotions, and lectures to lay and professional community groups); screening for biochemical, anthropometric, and dietary risks; and classes on healthy eating practices, exercise techniques, and lifestyle modification. Through contractual agreements, 18,383 people received these services in Cochise, Coconino, Graham, Greenlee, Mohave, Navajo, Pinal, Santa Cruz, Yavapai and Yuma counties.

Special Supplemental Food Program for Women, Infants and Children (WIC)

The federally funded WIC Program provided nutritious food supplements and education to more than 44,000 low-income women, infants and children monthly, a 14 percent increase over the previous year. Even with this major increase in the number of people served and the addition of the Commodity Supplemental Food Program caseload, only 44 percent of the potentially eligible population was being reached. The state ensured services through contractual agreements with 18 local agency providers statewide who provided food benefits and nutrition education to 531,413 individuals. The Arizona Infant Formula Rebate Program was instituted with two major formula companies.

Federal regulations require that all retailers authorized as WIC vendors are monitored to prevent fraud and abuse. Staff conducted 172 regular site visits to ensure compliance with federal regulations for the 619 vendors and other providers to help them understand WIC requirements.

The 12th Annual WIC Nutrition Education Conference was conducted for local agency and state personnel with 172 attendees. The U. S. Department of Agriculture, Food and Nutrition Services Star Award was presented to the Arizona WIC Program for "recognition and appreciation of the statewide education staff meetings which are designed to maintain and upgrade the skills of local agency nutritionists."

Commodity Supplemental Food Program

Arizona began its third year implementing the federally funded Commodity Supplemental Food Program in selected areas of Coconino, Maricopa, Pima, Pinal, and Yavapai counties. The monthly caseload was 6,300 pregnant, postpartum, and breastfeeding women, infants, and children, and 3,070 older adults.

Approximately 103,786 individuals received food boxes and nutrition education through authorized food banks. The Commodity Supplemental Food Program and WIC reached less than half of the eligible maternal and pediatric populations, and less than three percent of the needy elderly in FY 1990. The same providers were contracted for WIC and the Commodity Supplemental Food Program in Coconino, Maricopa, Pima, Pinal, and Yavapai counties, with eligible clients being referred to the appropriate program to ensure service delivery and non-dual participation.

Developmental Disabilities Nutrition Services

Through an Interagency Agreement with the Arizona Department of Economic Security, the Office of Nutrition Services provided nutrition consultation and technical assistance in nutritional care and/or food service management, as well as clinical care, to over 150 group homes and residential facilities for the developmentally disabled in Region I, Maricopa County. The Nutrition Consultant for developmentally disabled persons completed 343 individualized nutritional assessments and diet planning interventions; 26 site assessments; 16 training workshops; and 4 vendor trainings.

A special project developed during the year was a meal preparation demonstration for vendor program group home staff which covered food preparation techniques; use of food reduced in fat, salt and sugar; and the purchase and portion control. The meal prepared was served to the group home residents.

A workshop on "Nutrition Needs of Persons with Developmental Disabilities" was conducted for 92 participants representing professionals, group homes, and local county health department staff.

The design and implementation of the Developmental Disabilities Nutrition component of the management information system (FHAMIS) was completed.

Child Day Care Nutrition Services

In Arizona there are more than 1,080 licensed child day care centers and 35 group homes serving over 110,000 children. The Nutrition Consultant for Child Day Care provided 35 nutrition training workshops which reached 844 day care providers, parents, agencies, and organizations on improved food services and basic nutrition; conducted 176 site reviews for monitoring, licensing renewals, technical assistance, and follow-up of complaints; and provided an additional 180 consultations on menu planning and recipe development, classroom experiences, and nutrition issues for the young child.

A newsletter, *Nutrition News*, was developed and four issues published, to inform day care program providers about up-to-date information on nutrition topics.

A survey was mailed to 350 licensed facilities to identify those offering nutrition services for special needs children. This will assist in planning for future needs and services.

Children's Rehabilitative Nutrition Services

Nutrition services are provided to children within the Children's Rehabilitative Services Program as part of the multi-disciplinary approach to health care. The CRS Nutrition Consultant provides ongoing services coordination, nutrition consultation, and training to the regional clinics professional staff. Nutrition services are available at all four CRS Regional Clinics. CRS nutrition contacts totaled 2,010 statewide.

One hundred fifty health professionals and parents of children fed by tubes attended a workshop entitled "Tubes and Us" to receive educational updates and emotional support.

Regional efforts with other Western states through a Special Project of Regional and National Significance grant resulted in the development of a data base program for the collection of nutrition data from children with special health care needs. All CRS statewide clinics began contributing to this data base in FY 1990.

Ongoing clinical nutrition care for children with metabolic disorders was provided and a quality assurance plan was developed and pilot tested. Dietary treatment was initiated for three infants identified by the state's newborn screening program. Disorders included PKU and Galactosemia. An additional 55 children with the aforementioned metabolic disorders along with Homocystinuria and Maple Syrup Urine Disease continued to receive dietary management at the contracted clinics in Tucson and Phoenix. Data on the youngest infants was collected for a national study on metabolic formulas.

The newsletter, *Metabolic Messages*, was published quarterly and distributed statewide to families having children with metabolic disorders and health practitioners. Ongoing contributions were made to a national newsletter on PKU which was published three times during the year. Distributed nationally were 163 copies of the *Teacher's Guide* publication on metabolic nutrition care. Consultation and technical assistance was provided nationally.

Community Nutrition Education Services

Community Nutrition Education Services focuses on health promotion and nutrition-related risk reduction activities from a community-based perspective, and on the education of health care professionals regarding current research and practice. In FY 1990, nutrition information was provided to 1,369 individuals through

training sessions, workshops, and conferences. This included a one-day workshop on Nutrition and HIV Disease that was co-sponsored with the U. S. Department of Health and Human Services, Region IX. Technical assistance and/or written information was provided to 295 health care professionals. Nutritionists responded to 659 consumer calls. Special projects included statewide coordination of Project LEAN (Lowfat Eating for America Now) activities, publication of ONS audiovisual materials directory, publication of educational materials on Nutrition and HIV disease, and revision of the ONS Anemia Protocol. Technical assistance was provided to KTSP-TV, Phoenix, for the station's documentary on obesity.

Five dietetic interns and one graduate student were provided training and field experience in community/public health nutrition during the year.

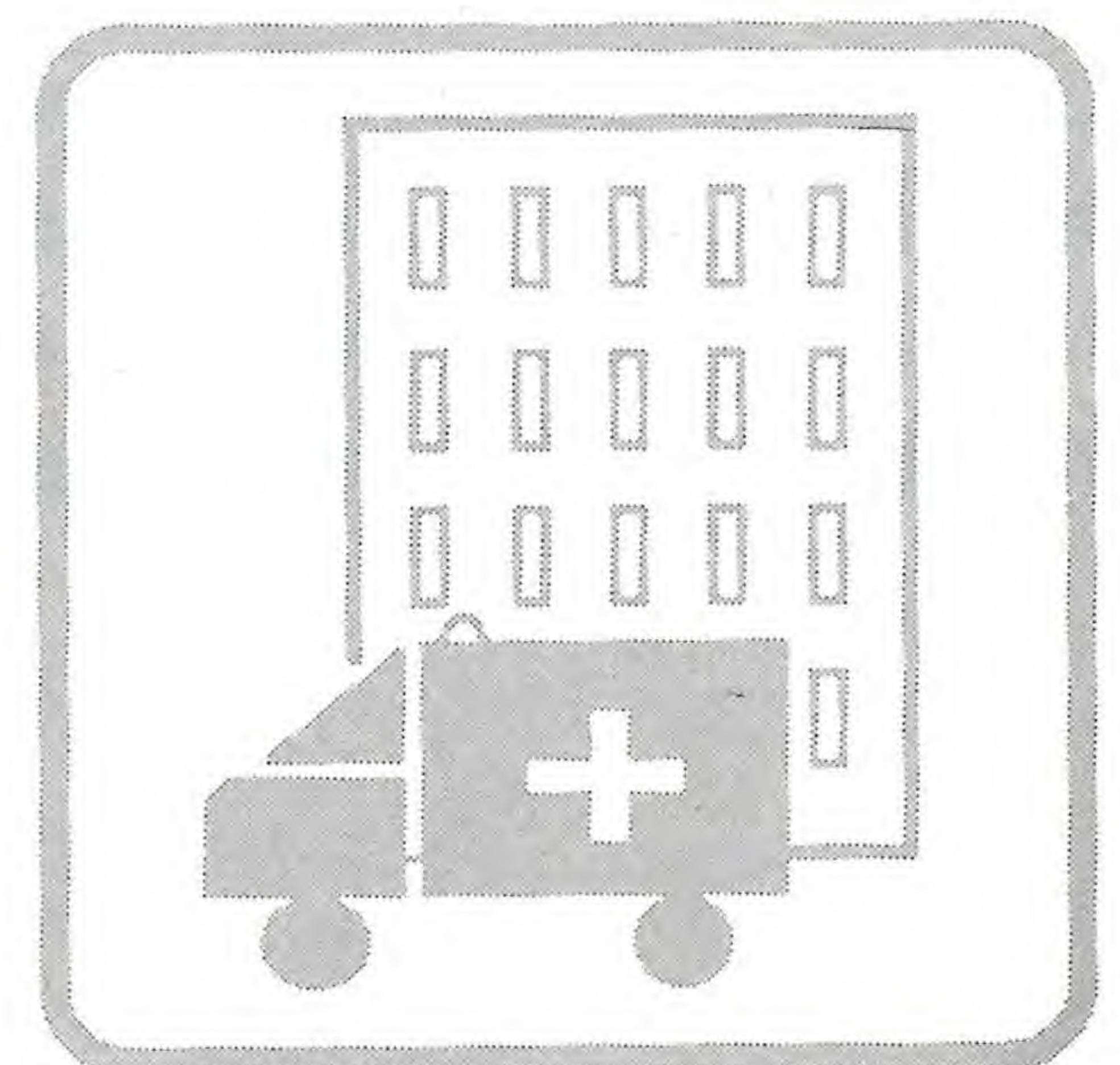
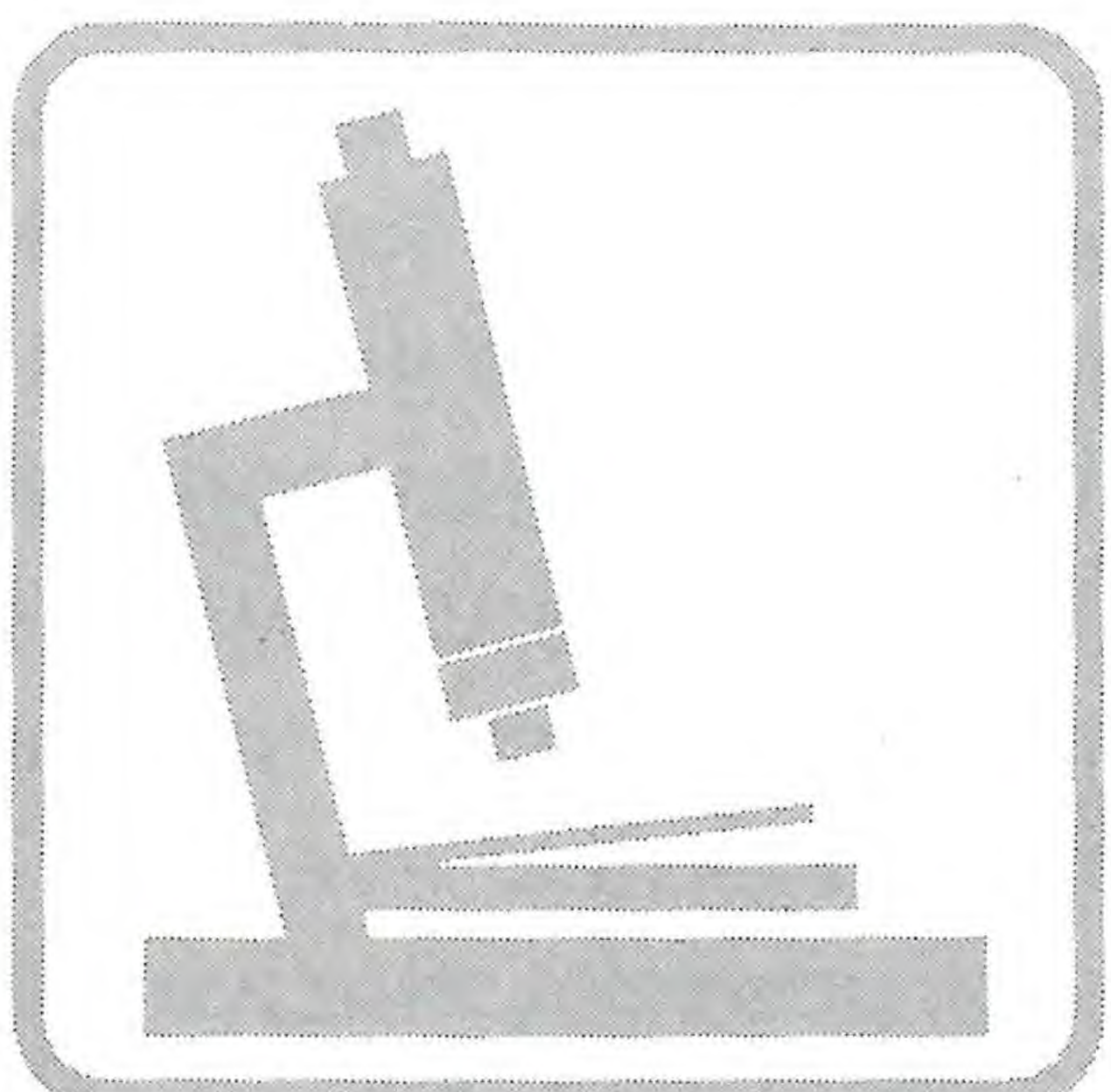
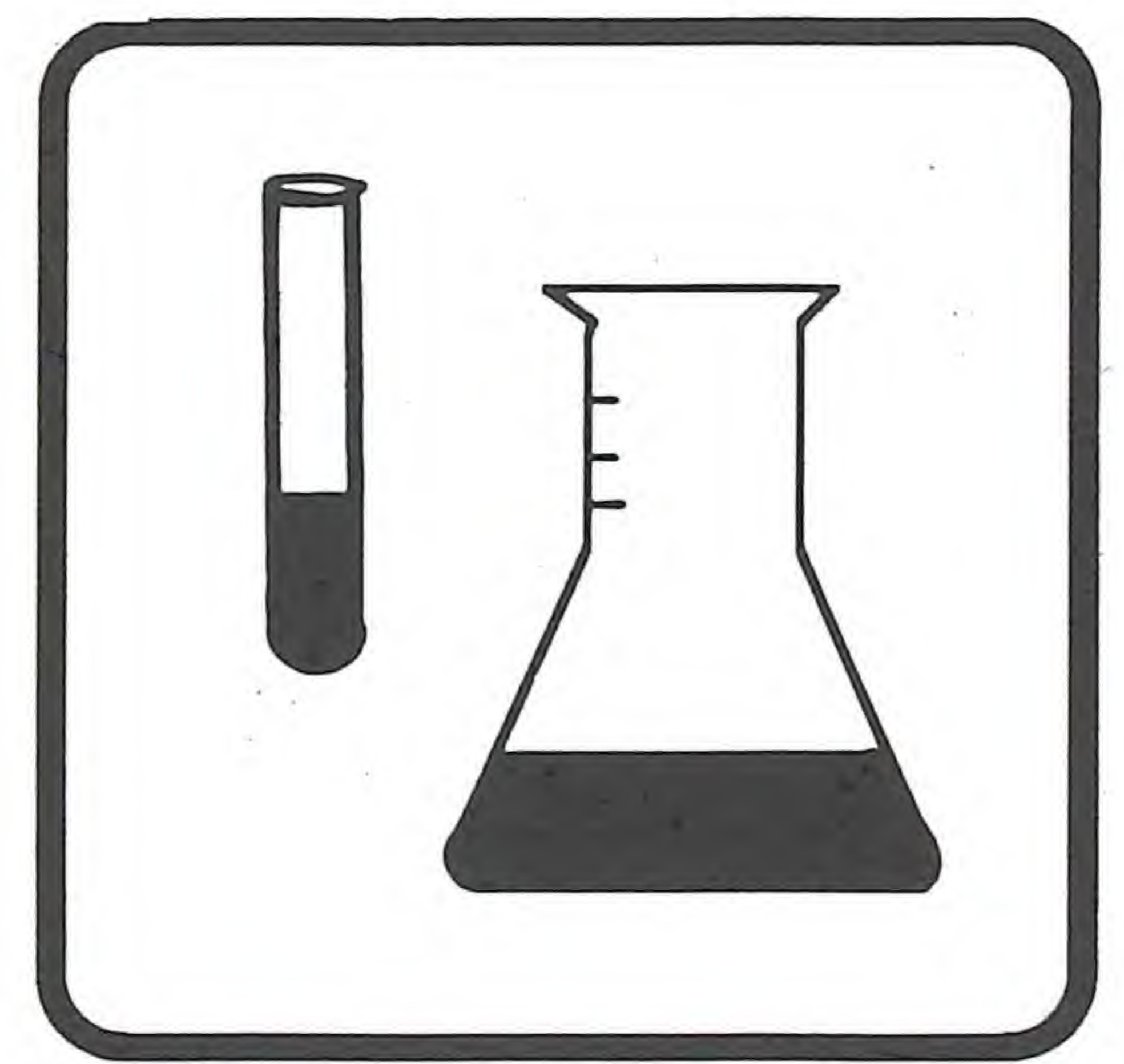
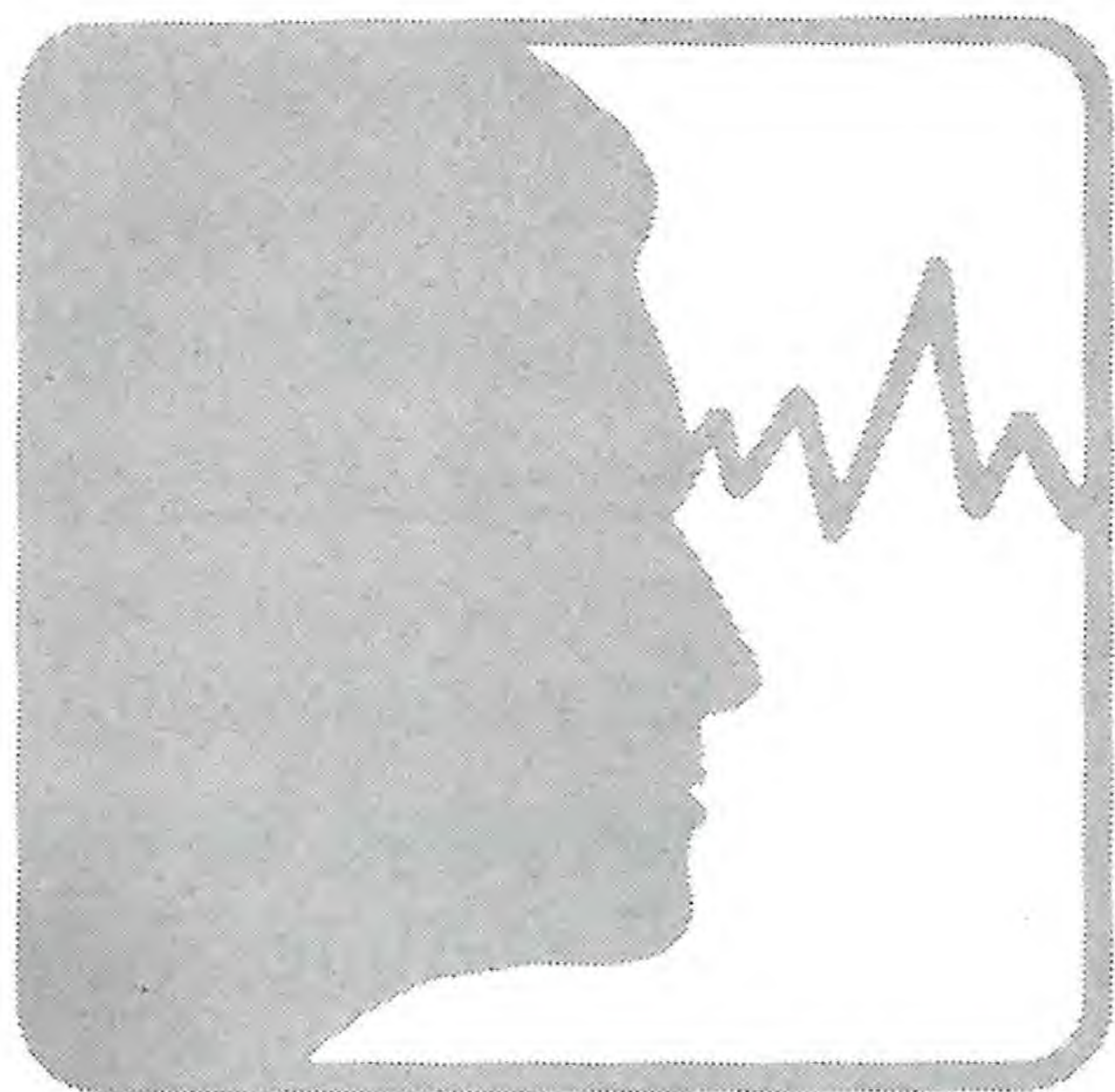
Honors included awards from the Arizona School Nurse Association and the La Leche League of Arizona.

Aging Nutrition Services

Under the Older American Act of 1965, as amended, Nutrition Programs for congregate and home-delivered meals are administered by the Arizona Department of Economic Security (DES), Aging and Adult Administration. During FY 1990, 180 Senior Centers provided 2,475,407 meals to the elderly in Arizona. Through an Interagency Agreement with DES, a Nutrition Consultant provided nutrition and food service related training to 61 service providers and 8 Area Agencies on Aging; conducted 10 on-site assessments of nutrition providers; reviewed and analyzed an average of 20 sets of menus per month; made recommendations to centers staffs in planning meals to meet federal standards; and provided 125 consultations and technical assistance on food service management. The Applied Food Service Sanitation certification course was conducted in cooperation with the ADHS Office of Food Protection and Institutional Sanitation in which 26 individuals received national certification. Special projects completed were the implementation of the Aging and Adult Quality Assurance Program and the design and implementation of the Aging and Adult Services Nutrition component of the management information system (FHAMIS).

Through the assistance of the Nutrition Consultant, Arizona's participation in the United States Department of Agriculture 80/20 Percent Donated Commodity Food Program, benefited by receiving \$95,000 worth of Bonus A and C food items.

DIVISION OF STATE LABORATORY



The State Laboratory provides a variety of services for virtually every public health program in Arizona. Laboratory testing is provided to state and local governmental agencies, and to hospital and independent laboratories. This supports efforts to diagnose, prevent, and treat diseases, as well as to identify conditions caused by environmental contamination. Annual inspections and evaluations are carried out on hospital, independent clinical, local governmental, and environmental laboratories to determine that quality standards for safeguarding the public health are met. Law enforcement officers who perform breath testing for blood alcohol are also evaluated. Technical consultation, bench training, workshops, and seminars for clinical and environmental laboratorians to improve and maintain their capability are provided. Administrative and technical consultation is also provided to state and county agency programs. Each Office within the Division concentrates on a different area of expertise.

Office of Environmental and Analytical Chemistry

This Office provided analytical chemical services to evaluate contamination of air, water, soil, food, and biological samples. Agencies serviced included county health departments, the Arizona Department of Environmental Quality, schools, the Arizona Department of Public Safety, as well as the Department. During FY 1990 this office processed 4,982 samples and performed 87,159 different tests on them.

Some of the unusual services provided included: large numbers of petroleum hydrocarbon contaminated water and soil samples, aluminum dross samples, shredder waste samples, pesticide contaminated soda pop and fried fish, solvent contaminated crackers, dead egrets killed by pesticides, cyanide contaminated water that killed cattle, soil contaminated by children playing with mercury, and an unknown substance generating phosphine gas in a produce truck.

New analytical services initiated were:

- Polyaromatic hydrocarbons in air
- Ethylene glycol in water
- Total petroleum hydrocarbons
- Carbamate pesticides
- Single-analysis screening of more than 50 pesticides in water and soil

SAMPLES RECEIVED FOR TESTING

Water Quality	1,703
Air Pollution	1,140
Industrial Hygiene.....	982
Food Adulteration/Contamination	61
Hazardous Waste	818
Biological Tissues	245
Miscellaneous	88
TOTAL	5,037

Office of Environmental and Clinical Microbiology

During FY 1990, the Office of Environmental and Clinical Microbiology provided analytical services to a variety of public and private health agencies. Primary diagnostic services and disease screenings were provided to county and state agencies. Hospitals and commercial laboratories were provided with reference testing services as well as primary diagnostic services as an adjunct to state and county sponsored disease control programs. Among the analytical services provided were drug susceptibility of mycobacteria (Tuberculosis), isolation and/or identification of pathogenic bacteria, fungal, parasitic or viral agents, and serological diagnosis of infectious diseases. Support for environmental concerns included the analysis of water, food, and dairy products.

The Office examined 75,277 specimens from hospitals, clinics, and physicians to assist in the diagnosis and treatment of communicable disease, to support disease control efforts, to identify chronic disease conditions, and to identify hazardous environmental situations. In addition, the Office supported field investigations of public health emergencies/outbreaks, which included measles, hepatitis, rabies, AIDS, and food-borne related illnesses.

New diagnostic services initiated were:

- IgM Antibody Detection for Measles
- Lyme Disease Testing

SAMPLES RECEIVED FOR TESTING

Dairy Microbiology	3,221
Food Microbiology	417
Water Microbiology	2,542
Bacteriology	1,641
Mycology	317
Mycobacteriology (TB)	2,319
Parasitology	191
Viral Isolation	3,618
Viral Serology	25,490
Rabies	899
Syphilis Serology	6,584
Fungal Serology	4,120
HIV (AIDS) Western Blot	963
HIV (AIDS) EIA	22,564
Miscellaneous Serology	391
TOTAL	75,277

Office of Laboratory License and Certification

This Office inspects and evaluates Arizona laboratories that test wastewater and drinking water, medical laboratories that operate under state license, medical laboratories that collect Medicare reimbursement, and blood alcohol testing. In support of new laboratory licensing legislation, this Office initiated the process of rule development in the environmental, clinical, health screening, and blood alcohol programs.

On-Site Surveys Conducted in Laboratories

Clinical	100
Hospital	86
Environmental	47
Medicare Independent Lab	75
Medicare Hospital Lab	13
TOTAL	321

Laboratory Licenses Issued

Clinical	166
Hospital	110
Environmental	133
Medicare Independent Lab	68
Medicare Hospital Lab	7
TOTAL	484

Blood Alcohol Permits Issued

Operator	1,834
Quality Assurance Specialists	76
Instructors	11
Analysts	37
TOTAL	1,958

Consultation Visits Provided

Medicare Laboratories	16
Environmental Laboratories	56
Clinical Laboratories	15
TOTAL	87

Regulatory Action

Environmental License Withdrawn	0
Environmental Specialties Withdrawn	6
Environmental Specialties Added	198
Special Clinical	
Laboratory Investigations	0
Special Environmental	
Laboratory Investigations	3
Special Medicare	
Laboratory Investigations	12
TOTAL	229

Office of Regional Laboratories
and Technical Services

During FY 1990, this Office provided diagnostic and environmental microbiological services to Arizona's northern and southern counties through the regional laboratories in Flagstaff and Tucson. Testing included rabies, water microbiology, and sexually transmitted diseases. Technical support from Phoenix was also provided to the Chemistry and Microbiology Offices, the Arizona Department of Environmental Quality, the Arizona State Hospital, and the state's Regional Laboratories. Services included preparation of media, glassware, reagents, biological waste disposal, equipment maintenance, and shipping/receiving.

This Office examined 48,089 specimens from county agencies, hospitals, and clinics to assist in the diagnosis, treatment, and prevention of communicable disease. Also provided was support for field investigations of public health significance such as rabies and water-borne related illness.

New services initiated were:

- Chlamydia Testing for the Arizona Department of Corrections
- A Material Safety Data Sheet Computer Program

SAMPLES RECEIVED FOR TESTING

Tucson

Water Bacteriology	2,708
Syphilis Serology	8,626
Rabies	1,449
Gonorrhea	15,681
Chlamydia	3,070
TOTAL	31,534

Flagstaff

Water Bacteriology	852
Syphilis Serology	4,751
Gonorrhea	7,570
Chlamydia	3,382
TOTAL	16,555

Office of Quality Assurance and Training

All of the elements of the Quality Assurance Program of the Division were monitored by this Office. External proficiency testing programs, as well as internally prepared unknowns and split samples, were provided for each analytical service offered by the State Laboratory. Documentation of daily quality control records, instrument calibrations, and control charts were monitored for acceptable standards. Administrative and technical training events were planned and presented to State Laboratory staff and individuals from clinical and environmental laboratories. Training events to improve noted deficiencies and provide education on new methodologies were based on training needs and assessments.

The Office monitored the results of 30 different external proficiency testing programs for a total of over 1,500 individual analyses. It also submitted and reviewed the laboratory's performance on 150 samples for unknown chemical and microbiological constituents.

Among the 15 training events, involving more than 400 attendees, were the following workshops and conferences:

- Colilert (Water Microbiology Testing)
- Human Immunodeficiency Virus (HIV)
- Environmental Sampling (for the Arizona Department of Environmental Quality and County Health Departments)
- Assistance with rule making committee meetings of the Clinical and Environmental Laboratory Advisory Committees

DEPARTMENT OF HEALTH SERVICES

Expenditures by Program

Fiscal Year 1989-1990

PROGRAM	STATE FUNDS	ASSISTANCE TO OTHERS STATE	FEDERAL FUNDS	ASSISTANCE TO OTHERS FEDERAL	OTHER FUNDS	ASSISTANCE TO OTHERS OTHER	T O T A L
OFFICE OF THE DIRECTOR							
Director's Office	\$2095439	414	\$18602		\$262820		\$2377276
Financial Services	1848035	867			730018	749	2579669
Planning & Health Management	200523		47732	22434	30291		300980
Human Resources Develop & Public Info	294822	69			20837		315728
Management Information System (MIS)	2239392				203366	141	2442898
Auditing	243779				109863		353642
Personnel	143797				17773		161571
Vital Records	706866		87015		16149		810030
Local & Border Health	162749	1278000			-921		1439828
DIVISION TOTAL	\$7935402	\$1279350	\$153349	\$22434	\$1390196	\$890	\$10781621
EMERGENCY MEDICAL SERVICES AND HEALTH CARE FACILITIES							
Assistant Director	981969				308531		\$1290500
Facility & Economic Review	635060				104211		739271
Child Day Care Licensing	761473	69					761542
Emergency Medical Services		374991			1613057	391935	2379984
Health Care Institution Licensure	872384		1272271		395373	213	2540241
DIVISION TOTAL	\$3250886	\$375060	\$1272271	\$0	\$2421172	\$392148	\$7711538
DISEASE PREVENTION SERVICES							
Assistant Director	656441		44769	582447	128696		\$1412355
Infectious Disease Services	3285751	1014188	1331818	1093740	240765		6966263
Risk Assessment & Investigations	245805	100000	87841		200427		634073
Chronic Disease Epidemiology	555821						555821
Health Promotion & Education	139405		322301	522133			983839
DIVISION TOTAL	\$4883224	\$1114188	\$1786730	\$2198321	\$569888	\$0	\$10552350

DEPARTMENT OF HEALTH SERVICES

Expenditures by Program

Fiscal Year 1989-1990

PROGRAM	STATE FUNDS	ASSISTANCE TO OTHERS STATE	FEDERAL FUNDS	ASSISTANCE TO OTHERS FEDERAL	OTHER FUNDS	ASSISTANCE TO OTHERS OTHER	T O T A L
FAMILY HEALTH SERVICES							
Assistant Director	630981				365178		\$996159
Children's Rehabilitative Services	1144212	6026307	873109	40000	448608	9236718	17768954
Maternal & Child Health	343381	3171570	1562213	1119196	20000	215500	6431860
Dental Health	528701	6369	74952	403817	124391	13510	1151740
Nutrition	332418	307643	1157122	23902094	95590		25794867
DIVISION TOTAL	\$2979694	\$9511889	\$3667397	\$25465108	\$1053767	\$9465727	\$52143581
BEHAVIORAL HEALTH SERVICES							
Assistant Director	229836						\$229836
Support Services	525761						525761
Management Information	931484		87624				1019108
Community Behavioral Health	436460	64998899	547676	16022938	23696	6973502	89003171
Southern Arizona Mental Health Center	3563383	20			704088	1845	4269336
Arizona State Hospital	30506173		8922		2542562	18968	33076626
Planning Rules & Grants	163004	15000	85870	40000	52566		356440
Childrens' Behavioral Health Council	123168		5570				128738
Office Behavioral Health Licensure	204545						204545
DIVISION TOTAL	\$36683815	\$65013919	\$735663	\$16062938	\$3322913	\$6994315	\$128813562
STATE LABORATORY SERVICES							
Assistant Director	527418				25186		\$552603
Environmental & Analytical Chemistry	617806	1211			262762	581	882360
Laboratory License & Certification	210473	145	70277		54777		335673
Environmental & Clinical Microbiology	607544		141105		73074		821723
Regional Lab & Technical Services	422565				19203		441768
DIVISION TOTAL	\$2385805	\$1356	\$211382	\$0	\$435002	\$581	\$3034126
DEPARTMENT TOTALS	\$58,118,825	\$77,295,762	\$7,826,792	\$43,748,800	\$9,192,939	\$16,853,661	\$213,036,778

NOTE: EXPENDITURES ARE REPORTED PRIMARILY ON A CASH BASIS, EXCEPT THE STATE GENERAL FUND INCLUDES \$1,892,425 OF STATE ADMINISTRATIVE ADJUSTMENTS PAID AFTER 13TH MONTH THROUGH SEPTEMBER 11, 1990 FOR 1989-1990 CLAIMS.

ASSISTANCE TO OTHERS SUMMARY:	STATE	FEDERAL	OTHER
	\$77,295,762	\$43,748,800	\$16,853,661
			\$137,898,223

Detail of Assistance To Others:

Exhibit "A" Programs Administered by Counties	\$11,316,683
Exhibit "B" Programs Administered by Other Organizations	\$126,581,540
	\$137,898,223

DEPARTMENT OF HEALTH SERVICES ASSISTANCE TO COUNTIES

Fiscal Year 1989-1990

* S = STATE FUNDS
* F = FEDERAL GRANT FUNDS
* O = OTHER FUNDS

DIRECTOR'S OFFICE

	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	LA PAZ	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	TOTAL
REIMBURSE TO COUNTIES	\$13,440	\$22,330	\$19,320	\$9,520	\$5,980	\$2,940	\$3,220	\$388,360	\$14,350	\$17,430	\$136,850	\$23,450	\$5,250	\$17,570	\$20,090	\$700,000
DIRECT GRANTS TO COUNTIES	38,534	38,534	38,534	38,534	38,534	38,533	38,533	38,533	38,533	38,533	38,533	38,533	38,533	38,533	38,533	578,000

DISEASE PREVENTION

ASSISTANT DIRECTOR																
PREVENTIVE BLOCK GRANT		45,787	55,958	29,694		13,584		78,016	53,346	14,715	82,592	63,575		49,056	36,979	523,300
INFECTIOUS DISEASES	F															
TUBERCULOSIS CONTROL	S	50,004	39,325	15,732	16,633	17,280	14,447	299,671	18,000	16,692	197,062	30,444	42,984	24,000	77,439	859,712
IMMUNIZATION	F							111,352			61,691					173,043
STD CONTROL	S	3,193	53,668	159				134,664		1,622	145,732	14,634	1,160	7,000		75,302
AIDS	F		2,250					46,286			56,595			-70	27,058	315,769
AIDS	S															102,881
AIDS	F	34,503	30,140				17,482	229,437			207,388	36,239	24,336	28,804	52,599	660,927

FAMILY HEALTH SERVICES

MATERNAL AND CHILD HEALTH			23,267					172,206			55,000	88,979			72,126	356,578
PERINATAL HEALTH	F							40,000			2,500	20,000				115,000
FAMILY PLANNING	F							12,300								14,800
FAMILY PLANNING	O							165,206				39,835			43,596	291,003
PRENATAL/PARENTING SERVICES	F	42,366	9,200				600				87,614	18,050		4,900	13,800	139,164
NEWBORN INTENSIVE CARE	S	5,000	213,856								30,963	108,195		111,864	53,186	1,169,920
MCH BK GRNT	F	17,910	77,396		31,455	32,818	23,850	370,822	48,805	48,800		150				29,935
MATERNITY CARE MNGMT PROG	F		29,785													
NUTRITION																
ADMINISTRATIVE NUTRITION	S	45,915	36,225		25,434	7,560			22,003	19,497		43,530		39,914	40,521	280,599
WIC CONTRACTS	F	21,085	202,919	76,127	53,070	4,631		1,038,474	103,888	57,341	557,201	261,827		131,663		2,738,361
WIC SUPPLEMENTAL FOOD	F		2,509					23,604			134,147	3,233		20,598		184,110

BEHAVIORAL HEALTH SERVICES

COMMUNITY BEHAVIORAL SERVICES																
CHI PILOT PROGRAMS	S															
		\$90,969	\$567,947	\$764,473	\$169,766	\$171,006	\$98,131	\$5,177,209	\$298,924	\$214,630	\$1,793,869	\$790,394	\$112,263	\$473,831	\$475,926	\$11,316,683
TOTAL								2,008,278								2,008,278

NOTE:
SOME PROGRAMS ADMINISTERED BY ONE COUNTY MAY
BENEFIT ONE OR MORE ADJOINING COUNTIES.

DEPARTMENT OF HEALTH SERVICES
ASSISTANCE TO OTHERS
PROGRAMS ADMINISTERED BY OTHER ORGANIZATIONS

Fiscal Year 1989-1990

	CYS- TIC FIBROSIS	SICKLE CELL	CHILDREN REHAB SVC	PERINATAL CARE	FAMILY HEALTH			DENTAL HEALTH	WIC CONTRACTS	WIC FOOD	DISEASE CONTROL			PREVENTIVE HEALTH	TOTALS PAGES 1 & 2
					CHILD/ADOLESCENT HEALTH	FAMILY PLANNING	NEWBORN INTEN CARE				TR HEALTH	KIDNEY PATIENT	AIDS		
ADAPT															\$12,102,022
ADAPT															3,683,921
ADAPT			9217427												6,017,823
ADAPT															9,217,427
ADAPT															3,043,681
ADAPT															74,813
ADAPT															817,005
ADAPT															143,055
ADAPT															321,160
ADAPT															26,954
ADAPT															22,573
ADAPT										22573					158,899
ADAPT															13,461,104
ADAPT															4,070,942
ADAPT															231,729
ADAPT															12,601,869
ADAPT															4,394,573
ADAPT															129,309
ADAPT															130,580
ADAPT															25,944
ADAPT															5,932,721
ADAPT															1,153,677
ADAPT															106,632
ADAPT															20,288,968
ADAPT															156,241
ADAPT															35,187
ADAPT															595
ADAPT															157,461
ADAPT															22,739
ADAPT															46,334
ADAPT															8,821
ADAPT															15,160
ADAPT															1,068,780
ADAPT															78,768
ADAPT															11,329
ADAPT															225,323
ADAPT															55,143
ADAPT															88,738
ADAPT															303
ADAPT															7,644,037
ADAPT															1,216,457
ADAPT															254,160
ADAPT															655,870
ADAPT															14,800
ADAPT															70,900
ADAPT															11,692
ADAPT															39,095
ADAPT															199,769
ADAPT															60,880
ADAPT															2,931,104
ADAPT															339,035
ADAPT															163,288
ADAPT															1,466,302
ADAPT															9,378,741
ADAPT															655,020
ADAPT															4,360
ADAPT															2,110
ADAPT															11,486
ADAPT															256,702
ADAPT															234,812
ADAPT															76,381
ADAPT															758,557
ADAPT															11,500
TOTAL	\$212,600	\$60,000	\$15,303,025	\$209,606	\$35,996	\$286,800	\$1,304,445	\$423,696	\$21,058,923	\$228,263	\$49,484	\$27,609	\$466,057	\$59,225	\$126,581,540

NOTE:
PROGRAMS ADMINISTERED PRIMARILY BY NON-PROFIT ORGANIZATIONS AND
INDIANS TRIBES FOR RECIPIENTS QUALIFYING UNDER THE PROGRAMS.

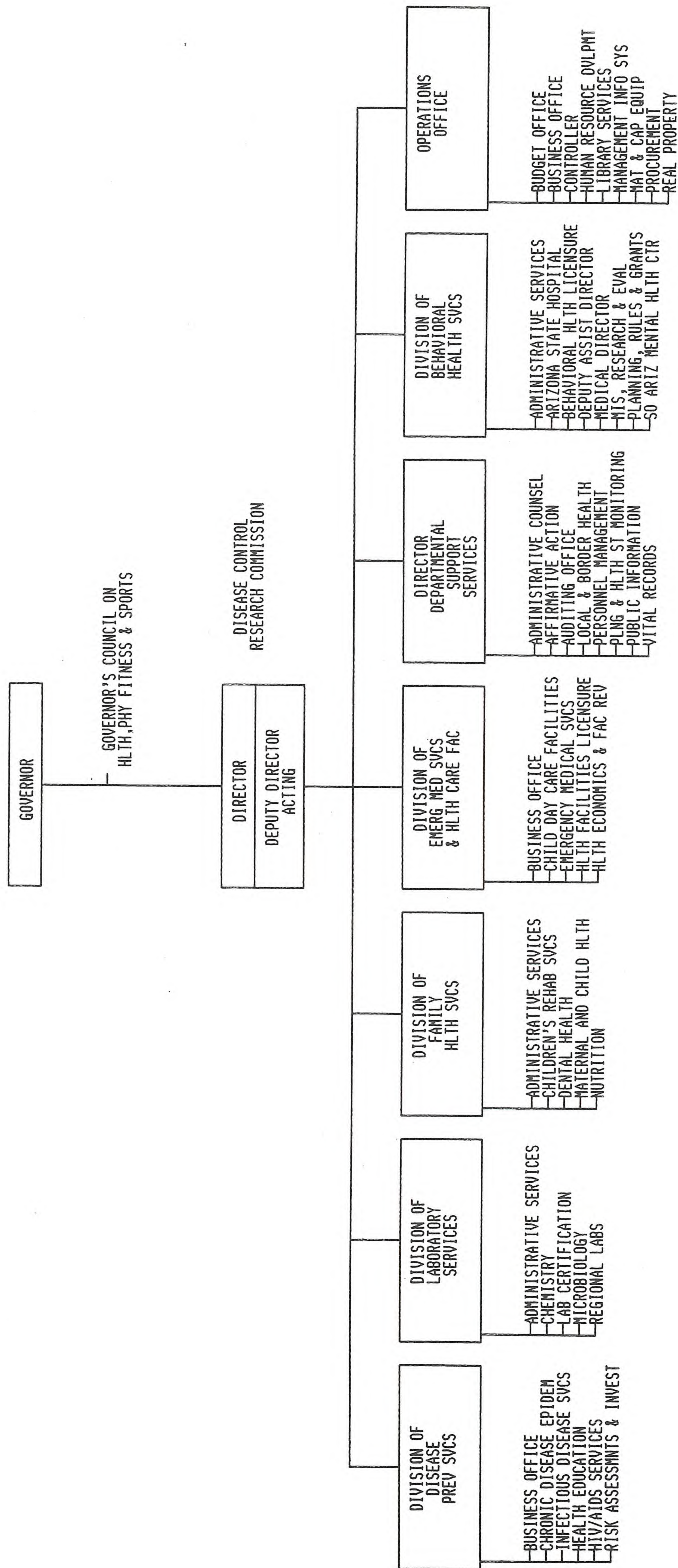
DEPARTMENT OF HEALTH SERVICES
ASSISTANCE TO OTHERS
PROGRAMS ADMINISTERED BY OTHER ORGANIZATIONS

Fiscal Year 1989-1990

	OTHER DIVISIONS	ARIZONA STATE HOSP	ALCOHOL ABUSE	DRUG ABUSE	BEHAVIORAL HEALTH			CHRONIC MENTAL ILL	NON CHRONIC MENT ILL	ALC/DRUG ABUSE FINE	EMOTION HANDICAPP	EMERGENCY MEDICAL SERVICES		
					DOMESTIC VIOLENCE	PREVENTIVE HEALTH	MENTAL HEALTH					EMER MED SPECIAL PROJECTS	EMER MED CONTROL	EMER CONTRACTS
* S = STATE FUNDS														
* F = FEDERAL FUNDS														
* O = OTHER FUNDS														
A D A P I	S		1435559	1348830	3125041	394757	5055009	468826	273000					
A D A P I	O		1168563	1618250	5822749									
A H C C C S / C R S	O		85574		109500									
B H A C A	S		490871	201133	786058	176000	993123				396496			
B H A C A	O		18833		55087									
B H A C A	F		253197	175806	29913		10205							
C R INDIAN TRIBE	S		26076	29979		30000	40000		17000					
CARING PLACE	S				17605		303555							
COCOPAH INDIAN TRIBE	S				20954									
CODAMA	F													
CODAMA	O		66861		4038									
CODAMA	S		2051825	1198723	2790847	427477	6992232							
COMM CARE NETWORK	F		1112761	2117387	800774	40000								
COMM CARE NETWORK	O		203504		7862		20363							
COMM CARE NETWORK	S		538601	458188	5466374	594292	5544413							
COMMUNITY FOOD BANKS	F		989618	2121893	1150569		76056							
COPPER BASIN	F		14830	14307	62936		38507							
COPPER BASIN	S		2080	4158	19287		419							
EAST VALLEY	F		854421	382651	2608943	332970	1753736							
EAST VALLEY	F		699755	174300	279622									
EAST VALLEY	F		28869		2763									
GELCO C/O STATE TREAS	O					77000								
GILA CTY GUIDANCE	S													
GILA CTY GUIDANCE	S				156241									
GILA CTY GUIDANCE	F				35187									
GILA CTY GUIDANCE	O				595									
GILA RIVER INDIAN TRIBE	S				87935		20567							
GILA RIVER INDIAN TRIBE	S				16701									
HOPI INDIAN TRIBE	F													
HUALAPAI INDIAN TRIBE	F													
INDIAN COMM HLTH SVC	F													
KIND COMM HOSP	F													
LA QUESTA	S		53006	25762			1068780							
LA QUESTA	F		11329											
LA QUESTA	O		173833	51490										
MARANA HLTH CNTR	S													
MARIPOSA COMM HLTH	F													
MORENCI HEALTH CARE	F													
N A C G C	S		1049146	284222	3129686	235308	2945676							
N A C G C	S		418195	258172	540090									
N A C G C	F		111780		2380	140000								
N A C G C	O		156438	44707	101988					79000				
NAVAJO TRIBE	S													
PLANNED PARENTHOOD	O													
PLANNED PARENTHOOD	F		9609		2083									
RIM GUIDANCE	O		1708	1375	36012									
RIM GUIDANCE	F		9751	10269	67894	70760	41295							
RIM GUIDANCE	S				58500									
S E A B H S	O													
S E A B H S	S		507123	165661	946625	95826	1215869							
S E A B H S	F		116766	34781	199133	29324	-11644							
S E A B H S	F		42916		29375	100000	30903							
SRPM INDIAN TRIBE	S				26494									
STATEWIDE	F				29754		112000							
STATEWIDE	S													
STATEWIDE	S													
THE CARING PLACE	O													
TRI-COMMUNITY	F		2110	6962										
TRI-COMMUNITY	O		3910											
TRI-COMMUNITY	F		14799	17245	139916	31700	614							
VALLEY HEALTH CENTER	S													
WESTSIDE FOOD BANK	F													
YUMA BEH HEALTH CENTER	S													
YUMA BEH HEALTH CENTER	F													
TOTAL		\$26,611	\$18,968	\$12,735,717	\$10,746,061	\$30,727,969	\$685,708	\$2,609,865	\$27,273,533	\$468,826	\$399,750	\$379,991	\$379,991	\$253,935

NOTE:
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INDIANS TRIBES FOR RECIPIENTS QUALIFYING UNDER THE PROGRAMS.

ARIZONA DEPARTMENT OF HEALTH SERVICES



Arizona Department of Health Services

DIRECTORY

If you are unable to find the Office to assist you listed below, contact The Office of Public Information at 542-1000.

Offices of the Director

1740 West Adams
Phoenix, Arizona 85007

Director	542-1024
Deputy Director	542-1024
Legislative Liaison	542-1024
Business Manager	542-1100
Administrative Counsel	542-1020
Affirmative Action	542-1030
Office of Auditing (320 East McDowell, Phoenix, Arizona 85004)	255-1060
Disease Control Research Commission	542-1028
Office of Financial Services	542-1032
Governor's Council on Health, Physical Fitness & Sports	542-6396
Office of Human Resource Development (320 East McDowell, Phoenix, Arizona 85004)	255-1004
Office of Library Services	542-1013
Office of Local & Border Health (320 East McDowell, Phoenix, Arizona 85004)	255-1015
Office of Management Information Systems	542-1073
Office of Personnel Management ...	542-1085
Office of Planning & Health Status Monitoring	542-1216
Office of Public Information	542-1000
Office of Special Investigations (100 West Clarendon, Phoenix, Arizona 85012)	255-1005
Office of Vital Records	542-1072

Division of Behavioral Health Services

411 North 24th Street
Phoenix, Arizona 85008

Assistant Director	220-6506
Office of MIS, Research & Evaluation	220-6420
Office of Planning, Rules & Grants	220-6498

2632 East Thomas Road
Phoenix, Arizona 85008

Deputy Assistant Director/ Medical Director	255-1030
Office Of Behavioral Health Licensure	255-1127
Office of Children	255-1030
Office of Mental Health/ Domestic Violence	255-1025
Office of Seriously Mentally Ill	255-1025
Office of Substance Abuse	255-1025

Arizona State Hospital

2500 East Van Buren
Phoenix, Arizona 85008

Superintendent	220-6000
Chief Medical Officer	220-6000
Administrator	220-6000
Legal Analyst	542-1610

Southern Arizona Mental Health Center

1930 East 6th Street
Tucson, Arizona 85719

Executive Director	628-5221
Medical Director	628-5235
Administrative Support Services ...	628-5238

Division of Disease Prevention Services
3008 North 3rd Street
Phoenix, Arizona 85012

Assistant Director230-5808
Business Manager230-5801
Office of HIV/AIDS Services230-5822
Office of Infectious
Disease Services230-5820
Office of Chronic
Disease Epidemiology230-5886
Office of Risk Assessment
& Investigation230-5857
Office of Health Promotion
& Education255-1292

**Division of Emergency Medical Services &
Health Care Facilities**
100 West Clarendon
Phoenix, Arizona 85012

Assistant Director255-1221
Business Manager255-1221
Office of Emergency
Medical Services255-1170
Office of Child Day Care
Licensure255-1272
Office of Health Facilities
Licensure255-1177
Office of Health Economics
& Facilities Review255-1140
Office of Division Information
Systems255-1221

Division of Family Health Services
1740 West Adams
Phoenix, Arizona 85007

Assistant Director542-1223
Office of Children's
Rehabilitative Services542-1860
Office of Dental Health542-1866
Office of Maternal
& Child Health542-1870
Office of Nutrition Services542-1886
Office of Administrative
Services542-1895

Division of State Laboratory
1520 West Adams
Phoenix, Arizona 85007

State Laboratory Information542-1188
Assistant Director542-1194
Office of Administrative
Services542-6136
Office of Environmental
& Analytical Chemistry542-6108
Office of Environmental
& Clinical Microbiology542-6123
Office of Laboratory Licensure
& Certification542-6100
Office of Regional Laboratories
& Technical Services542-1191
Flagstaff Regional Laboratory
(P. O. Box 190,
Flagstaff, Arizona 86001)779-5164
Tucson Regional Laboratory
(416 West Congress,
Tucson, Arizona 85701)628-6360

COUNTY HEALTH DEPARTMENTS

Apache County Health Department
Community Center Building
(P.O. Box 697)
St. Johns, Arizona 85936
337-4364

Cochise County Health Department
High School Hill
(P.O. Box 1858)
Bisbee, Arizona 85603
432-9488

Coconino County Health Department
2500 North Fort Valley Road
Flagstaff, Arizona 86001
779-5164

Gila County Health Department
621 South Fifth Street
(Mail: 1400 East Ash)
Globe, Arizona 85501
425-3189

Graham County Health Department
826 West Main
Safford, Arizona 85546
428-0110

Greenlee County Health Department
Fifth & Leonard
(P.O. Box 936)
Clifton, Arizona 85533
865-2601

LaPaz County Health Department
916 Twelfth Street
Parker, Arizona 85344
669-6155

Maricopa County Health Department
1845 E. Roosevelt
Phoenix, Arizona 85006
258-6381

Mohave County Health Department
305 West Beale
Kingman, Arizona 86401
753-0748

Navajo County Health Department
117 East Buffalo
(P.O. Box 639)
Holbrook, Arizona 86025
524-6825

Pima County Health Department
150 West Congress
Tucson, Arizona 85701
740-8261

Pinal County Health Department
188 South Main
Coolidge, Arizona 85228
723-9541

Santa Cruz County Health Department
Congress Drive
(P.O. Box 1150)
Nogales, Arizona 85628
281-4695, Extension 3081

Yavapai County Health Department
930 Division Street
(P.O. Box 2111)
Prescott, Arizona 86301
771-3122

Yuma County Health Department
201 Second Avenue
Yuma, Arizona 85364
329-2220



*The Arizona Department of Health Services is an
Equal Opportunity Affirmative Action Agency.*



**Medical Library
Arizona State Hospital
2500 East Van Buren
Phoenix, AZ 85009**